First Steps in Number

Primary Arithmetic

BY

WENTWORTH & REED

Pupils' Edition.

FIRST STEPS IN NUMBER:

A

PRIMARY ARITHMETIC.

BY

G. A. WENTWORTH AND E. M. REED.

PUPILS' EDITION.

BOSTON:
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FIRST STEPS IN NUMBER.

Lesson 1.

Finish these sentences, using figures : (205)*

6 and 1 are	7 minus 1 are
7 minus 1 are	6 minus 5 are
4 and 1 are	5 minus 5 are
5 and 4 are	4 and 0 are
1 and 4 are	4 and 5 are
5 and 1 are	7 and 0 are
6 and 1 are	7 minus 6 are
5 minus 4 are	6 minus 1 are
9 minus 5 are	9 minus 4 are

Lesson 2.

Finish these sentences, using figures : (207)

4 and 3 are	9 minus 2 are
3 and 2 are	7 minus 3 are
5 and 2 are	7 minus 2 are
6 and 3 are	6 minus 2 are
4 and 2 are	6 minus 3 are
9 minus 3 are	5 minus 3 are
2 twos are	2 threes are
3 twos are	7 ones are
3 threes are	3 ones are

* Numbers enclosed in parentheses refer to pages of Teacher's Edition.

Lesson 3.

Copy and complete :   (208)

4 and 4 are	8 minus 4 are
5 and 3 are	8 minus 5 are
7 and 1 are	8 minus 2 are
6 and 2 are	8 minus 1 are
3 and 5 are	8 minus 3 are
4 twos are	8 minus 6 are
2 fours are	8 divided by 2 are
8 ones are	8 divided by 4 are
8 and 0 are	8 divided by 1 are
0 and 7 are	6 divided by 3 are

Lesson 4.

Copy and complete :   (209)

$\frac{1}{2}$ of 2 is	1 is of 2.
$\frac{1}{2}$ of 4 is	2 is of 4.
$\frac{1}{2}$ of 6 is	3 is of 6.
$\frac{1}{2}$ of 8 is	4 is of 8.
8 is twice	$\frac{1}{2}$ of a quart is
6 is twice	$\frac{1}{2}$ of a pint is
4 is twice	1 pint is of a quart.
2 is twice	2 gills are of a pint.
1 is twice	4 gills are of a quart.
8 is twice	1 gill is of a pint.

Lesson 5.

Copy and complete : (210)

¼ of 4 is	½ of a quart is
¼ of 8 is	¼ of a pint is
1 is ¼ of	½ of a pint is
2 is ¼ of	¼ of a quart is
⅛ of 8 is	⅛ of a quart is
1 is ⅛ of	1 pint is ½ of
½ of 8 is	1 gill is ¼ of
½ of 6 is	2 gills is ½ of
4 is ½ of	2 gills is ¼ of
3 is ½ of	1 gill is ⅛ of

Lesson 6.

Copy and complete : (211)

⅓ of 3 is	8 minus 3 are
⅓ of 6 is	7 minus 3 are
⅓ of 9 is	9 minus 4 are
3 is ⅓ of	8 minus 5 are
2 is ⅓ of	5 and 3 are
1 is ⅓ of	4 and 3 are
⅓ and ⅓ are	5 and 4 are
⅔ and ⅓ are	6 and 3 are
⅛ and ⅛ are	7 and 2 are
¼ and ¼ are	3 and 7 are

Lesson 7.

Copy and make the sign for "are":   (214)

5 and 3	8.	8 divided by 1	8.
9 and 1	10.	9 divided by 1	9.
4 and 3	7.	10 divided by 1	10.
3 threes	9.	9 divided by 3	3.
4 twos	8.	8 divided by 2	4.
2 fours	8.	8 divided by 4	2.
10 ones	10.	6 divided by 3	2.
7 minus 4	3.	6 divided by 2	3.
10 minus 1	9.	7 divided by 1	7.
9 minus 7	2.	5 divided by 1	5.

Lesson 8.

Copy and complete :   (215)

5 and 3 =	9 and 1 =
3 and 2 =	3 and 5 =
4 and 2 =	4 and 5 =
3 and 4 =	9 minus 5 =
2 and 5 =	9 minus 7 =
7 minus 5 =	8 minus 5 =
6 minus 4 =	9 minus 4 =
9 minus 6 =	10 minus 1 =
7 minus 3 =	10 minus 9 =
9 minus 3 =	7 minus 4 =

Lesson 9.

Copy and complete : (215)

8 and 2 =	10 minus 8 =
2 and 8 =	10 minus 2 =
4 and 3 =	9 minus 4 =
3 and 5 =	8 minus 5 =
7 and 2 =	7 minus 3 =
6 and 3 =	6 minus 4 =
4 and 2 =	5 minus 3 =
5 and 4 =	8 minus 5 =
2 and 7 =	7 minus 4 =
3 and 5 =	9 minus 7 =

Lesson 10.

Copy and complete :

5 twos =	10 is five times
3 threes =	8 is four times
2 twos =	7 is seven times
3 twos =	9 is three times
2 threes =	8 is two times
2 fours =	6 is three times
9 ones =	6 is two times
7 ones =	4 is two times
4 twos =	2 is two times
5 twos =	10 is five times

Lesson 11.

Copy and complete :   (217)

8	2 = 10.	2 +	= 10.
5	4 = 9.	5 +	= 9.
5	3 = 8.	4 +	= 9.
4	3 = 7.	7 +	= 9.
2	8 = 10.	5 +	= 8.
6	3 = 9.	8 +	= 10.
2	7 = 9.	3 +	= 7.
2	6 = 8.	3 +	= 8.
3	4 = 7.	2 +	= 9.
5	2 = 7.	2 +	= 8.

Lesson 12.

Copy and complete :   (218)

7 + = 10.	10 minus 7 =
6 + = 9.	10 minus 8 =
5 + = 8.	10 minus 3 =
4 + = 7.	9 minus 2 =
3 + = 6.	9 minus 3 =
2 + = 5.	9 minus 4 =
5 + = 9.	9 minus 5 =
4 + = 8.	10 minus 7 =
3 + = 7.	10 minus 3 =
3 + = 10.	10 minus 8 =

Lesson 13.

Copy and complete : (219)

$6 + 4 =$	10 minus 4 $=$
$3 + 7 =$	10 minus 6 $=$
$2 + 8 =$	10 minus 7 $=$
$4 + 6 =$	10 minus 3 $=$
$7 + 3 =$	10 minus 8 $=$
$8 + 2 =$	10 minus 2 $=$
5 twos $=$	10 minus 7 $=$
10 ones $=$	10 minus 6 $=$
10 zeros $=$	10 minus 4 $=$
8 zeros $=$	10 minus 0 $=$

Lesson 14.

Copy and complete : (223)

$5 + 5 =$	10 divided by 5 $=$
$6 + 4 =$	10 divided by 2 $=$
$7 + 3 =$	9 divided by 3 $=$
$8 + 2 =$	8 divided by 4 $=$
5 twos $=$	8 divided by 2 $=$
2 fives $=$	10 divided by 2 $=$
2 fours $=$	6 divided by 2 $=$
$\frac{1}{2}$ of 10 $=$	6 divided by 3 $=$
10 is twice	4 divided by 2 $=$
10 minus 5 $=$	10 divided by 5 $=$

Lesson 15.

Copy and complete :   (224)

6 1 = 5.	10 − 6 =	10 − 2 =
10 1 = 9.	10 − 7 =	9 − 2 =
10 5 = 5.	10 − 8 =	8 − 2 =
8 4 = 4.	10 − 5 =	7 − 2 =
6 3 = 3.	10 − 4 =	6 − 2 =
4 2 = 2.	10 − 2 =	5 − 2 =
2 1 = 1.	9 − 3 =	10 − 3 =
7 1 = 6.	9 − 4 =	9 − 3 =
10 2 = 8.	9 − 5 =	8 − 3 =
8 2 = 6.	9 − 6 =	8 − 5 =

Lesson 16.

Copy and complete :   (225)

7 − 3 =	2 ones =	$\frac{1}{2}$ of 2 =
6 − 3 =	2 twos =	$\frac{1}{2}$ of 4 =
5 − 3 =	3 twos =	$\frac{1}{2}$ of 6 =
10 − 4 =	4 twos =	$\frac{1}{2}$ of 8 =
9 − 4 =	5 twos =	$\frac{1}{4}$ of 8 =
8 − 4 =	2 threes =	$\frac{1}{4}$ of 4 =
7 − 4 =	3 threes =	$\frac{1}{3}$ of 6 =
6 − 4 =	2 fours =	$\frac{1}{3}$ of 3 =
5 − 4 =	2 fives =	$\frac{1}{3}$ of 9 =
4 − 3 =	5 twos =	$\frac{1}{2}$ of 10 =

Lesson 17.

Copy and put in the proper signs :

6	4	10.	4	5	9.	$\frac{1}{2} + \frac{1}{2} =$
10	6	4.	5	3	8.	$\frac{1}{3} + \frac{1}{3} =$
10	4	6.	8	3	5.	$\frac{1}{4} + \frac{1}{4} =$
4	6	10.	3	5	8.	$\frac{1}{8} + \frac{1}{8} =$
10	7	3.	8	5	3.	$\frac{2}{4} + \frac{1}{4} =$
10	0	10.	$\frac{1}{2}$	10	5.	$\frac{2}{8} + \frac{1}{8} =$
10	10	0.	$\frac{1}{3}$	9	3.	$\frac{5}{8} - \frac{1}{8} =$
10	3	7.	$\frac{1}{4}$	8	2.	$\frac{3}{8} - \frac{2}{8} =$
9	4	5.	$\frac{1}{8}$	8	1.	$\frac{3}{4} - \frac{2}{4} =$
10	5	5.	$\frac{1}{3}$	6	2.	$\frac{6}{8} - \frac{3}{8} =$

Lesson 18.

Copy and complete : (228)

$10 + 1 =$	$10 = 1 +$	$9 + = 11.$
$11 - 10 =$	$11 = 1 +$	$10 + = 11.$
$11 - 1 =$	$10 = 2 +$	$11 - = 10.$
$9 + 2 =$	$11 = 2 +$	$11 - = 9.$
$2 + 8 =$	$10 = 3 +$	$10 - = 7.$
$7 + 2 =$	$7 = 10 -$	$10 - = 3.$
$9 - 2 =$	$8 = 10 -$	$7 + = 10.$
$10 - 2 =$	$11 = 10 +$	$3 + = 10.$
$11 - 2 =$	$11 = 9 +$	$6 + = 10.$
$11 - 9 =$	$9 = 11 -$	$4 + = 10.$

Lesson 19.

Copy and complete :   (229)

9 + = 11.	9 − = 2.	3 + 2 =
2 + = 11.	10 − = 6.	6 + 2 =
1 + = 11.	10 − = 7.	9 + 2 =
10 + = 11.	10 − = 4.	4 + 2 =
7 + = 10.	10 − = 3.	7 + 2 =
6 + = 10.	11 − = 1.	5 + 2 =
3 + = 10.	11 − = 10.	8 + 2 =
4 + = 10.	11 − = 2.	4 + 3 =
7 + = 9.	11 − = 9.	6 + 3 =
6 + = 9.	11 − = 0.	7 + 3 =

Lesson 20.

Copy and complete :   (230)

8 + 3 =	+ 3 = 11.	5 + 4 =
9 + 2 =	+ 3 = 10.	6 + 4 =
10 + 1 =	+ 3 = 9.	5 + 5 =
11 − 3 =	+ 3 = 8.	9 − 5 =
11 − 2 =	+ 3 = 7.	9 − 7 =
11 − 1 =	− 3 = 8.	9 − 4 =
3 + 8 =	− 3 = 7.	9 − 2 =
2 + 9 =	− 3 = 6.	11 − 3 =
11 − 9 =	− 3 = 5.	11 − 8 =
11 − 8 =	− 8 = 3.	11 − 2 =

Lesson 21.

Copy and complete : (231)

11 − = 1.	10 − = 5.	½ of 2 =
11 − = 2.	10 − = 6.	½ of 6 =
11 − = 3.	10 − = 7.	½ of 10 =
11 − = 10.	10 − = 8.	½ of 4 =
11 − = 9.	9 − = 2.	½ of 8 =
11 − = 8.	9 − = 3.	⅓ of 9 =
10 − = 2.	9 − = 4.	⅓ of 6 =
10 − = 3.	9 − = 5.	⅓ of 3 =
10 − = 4.	9 − = 6.	⅛ of 8 =
10 − = 10.	9 − = 7.	½ of 1 =

Lesson 22.

Copy and complete : (232)

7 + 4 =	7 + = 11.	11 − 2 =
11 − 4 =	8 + = 11.	11 − 4 =
11 − 7 =	9 + = 11.	11 − 3 =
4 + 7 =	2 + = 11.	11 − 7 =
3 + 8 =	3 + = 11.	11 − 9 =
9 + 2 =	4 + = 11.	11 − 8 =
11 − 9 =	6 + = 10.	11 − 0 =
11 − 2 =	7 + = 10.	10 − 6 =
11 − 3 =	5 + = 9.	10 − 7 =
4 + 7 =	7 + = 11.	10 − 3 =

Lesson 23.

Copy and complete :   (234)

$11 - 5 =$	$8 + 3 =$	$6 + \quad = 11.$
$6 + 5 =$	$11 - 8 =$	$5 + \quad = 11.$
$11 - 6 =$	$3 + 8 =$	$7 + \quad = 11.$
$5 + 6 =$	$11 - 2 =$	$4 + \quad = 11.$
$11 - 4 =$	$9 + 2 =$	$8 + \quad = 11.$
$7 + 4 =$	$11 - 9 =$	$3 + \quad = 11.$
$11 - 7 =$	$2 + 9 =$	$9 + \quad = 11.$
$4 + 7 =$	$11 - 1 =$	$2 + \quad = 11.$
$11 - 3 =$	$11 - 10 =$	$11 + \quad = 11.$
$11 - 6 =$	$11 - 5 =$	$10 + \quad = 11.$

Lesson 24.

Copy and complete :   (237)

$11 - \quad = 9.$	3 threes $=$	$8 + 3 =$
$11 - \quad = 2.$	2 fours $=$	$6 + 4 =$
$11 - \quad = 8.$	2 threes $=$	$4 + 3 =$
$11 - \quad = 3.$	3 twos $=$	$7 + 4 =$
$11 - \quad = 7.$	5 twos $=$	$7 + 3 =$
$11 - \quad = 4.$	4 twos $=$	$4 + 7 =$
$11 - \quad = 6.$	11 ones $=$	$3 + 8 =$
$11 - \quad = 5.$	10 ones $=$	$6 + 4 =$
$11 - \quad = 11.$	9 ones $=$	$11 - 5 =$
$11 - \quad = 1.$	8 ones $=$	$11 - 6 =$

Lesson 25.

Copy and complete : (239–244)

$10 + 2 =$	$9 + 3 =$	$+ 2 = 12.$
$12 - 2 =$	$12 - 3 =$	$+ 10 = 12.$
$12 - 10 =$	$12 - 9 =$	$+ 9 = 12.$
$2 + 10 =$	$3 + 9 =$	$+ 3 = 12.$
$12 = 10 +$	$12 = 9 +$	$- 9 = 3.$
$12 = 2 +$	$12 = 3 +$	$- 3 = 9.$
$10 = 12 -$	$9 = 12 -$	$- 10 = 2.$
$2 = 12 -$	$3 = 12 -$	$- 2 = 10.$
$11 + 1 =$	$3 = 11 -$	$- 3 = 8.$
$12 - 1 =$	$3 = 10 -$	$- 3 = 7.$

Lesson 26.

Copy and complete : (245)

12	2	10.	2 threes $=$	$12 -$	$= 10.$
12	3	9.	3 threes $=$	$12 -$	$= 9.$
12	0	12.	4 threes $=$	$12 -$	$= 2.$
9	3	12.	2 twos $=$	$12 -$	$= 3.$
2	10	12.	3 twos $=$	$12 -$	$= 12.$
10	2	12.	4 twos $=$	$9 +$	$= 12.$
12	9	3.	5 twos $=$	$3 +$	$= 12.$
3	9	12.	6 twos $=$	$10 +$	$= 12.$
12	10	2.	4 threes $=$	$2 +$	$= 12.$
11	1	12.	6 twos $=$	$12 -$	$= 11.$

Lesson 27.

Copy and complete :   (246-248)

$\frac{1}{2}$ of 4 =	12 − 2 =	8 + 4 =
$\frac{1}{3}$ of 3 =	12 − 3 =	12 − 4 =
$\frac{1}{4}$ of 12 =	10 − 4 =	4 + 8 =
$\frac{1}{2}$ of 10 =	11 − 5 =	12 − 8 =
$\frac{1}{2}$ of 8 =	11 − 6 =	9 + 3 =
$\frac{1}{4}$ of 8 =	12 − 12 =	12 − 3 =
$\frac{1}{8}$ of 8 =	12 − 11 =	3 + 9 =
$\frac{1}{3}$ of 9 =	12 − 10 =	12 − 9 =
$\frac{1}{3}$ of 6 =	12 − 9 =	10 + 2 =
$\frac{1}{4}$ of 12 =	10 − 3 =	8 + 4 =

Lesson 28.

Copy and complete :   (249)

12 is six times	12 divided by 2 =
12 is three times	12 divided by 3 =
12 is four times	12 divided by 4 =
10 is five times	10 divided by 2 =
10 is two times	8 divided by 2 =
8 is four times	6 divided by 2 =
8 is two times	4 divided by 2 =
9 is three times	10 divided by 5 =
6 is two times	8 divided by 4 =
6 is three times	6 divided by 3 =

Lesson 29.

Copy and complete : (250)

10 +	= 12.	4	8	12.	$\frac{1}{2}$ of 6 =		
8 +	= 12.	8	4	12.	$\frac{1}{2}$ of 8 =		
12 −	= 8.	12	4	8.	$\frac{1}{2}$ of 10 =		
4 +	= 12.	12	8	4.	$\frac{1}{2}$ of 12 =		
12 −	= 4.	9	3	12.	$\frac{1}{3}$ of 6 =		
9 +	= 12.	12	3	9.	$\frac{1}{3}$ of 9 =		
12 −	= 9.	3	9	12.	$\frac{1}{3}$ of 12 =		
3 +	= 12.	12	9	3.	$\frac{1}{4}$ of 8 =		
12 −	= 3.	10	2	12.	$\frac{1}{4}$ of 12 =		
12 −	= 2.	12	10	2.	$\frac{1}{8}$ of 8 =		

Lesson 30.

Copy and complete : (252)

2 sixes =	6 + 6 =	7 + 2 =
6 twos =	5 + 5 =	6 + 6 =
4 threes =	4 + 4 =	6 + 5 =
3 fours =	3 + 3 =	6 + 4 =
5 twos =	8 + 4 =	6 + 3 =
2 fives =	8 + 3 =	6 + 2 =
4 twos =	8 + 2 =	5 + 6 =
2 fours =	7 + 5 =	5 + 5 =
3 threes =	7 + 4 =	9 + 3 =
2 sixes =	7 + 3 =	9 + 2 =

Lesson 31.

Copy the new sign correctly :   (254)

$2 \times 1 = 2.$	$3 \times 4 = 12.$	$3 \times 4 =$
$2 \times 2 = 4.$	$2 \times 5 = 10.$	$2 \times 6 =$
$3 \times 2 = 6.$	$2 \times 6 = 12.$	$6 \times 2 =$
$4 \times 2 = 8.$	$12 \times 1 = 12.$	$4 \times 3 =$
$5 \times 2 = 10.$	$11 \times 1 = 11.$	$5 \times 2 =$
$6 \times 2 = 12.$	$10 \times 1 = 10.$	$2 \times 5 =$
$2 \times 3 = 6.$	$12 \times 0 = 0.$	$3 \times 3 =$
$3 \times 3 = 9.$	$11 \times 0 = 0.$	$4 \times 2 =$
$4 \times 3 = 12.$	$10 \times 0 = 0.$	$2 \times 4 =$
$2 \times 4 = 8.$	$9 \times 0 = 0.$	$3 \times 2 =$

Lesson 32.

Copy and complete :   (255)

4 gills =	$6 + 3 =$	$6 \times 2 =$
2 pints =	$4 + 3 =$	$4 \times 3 =$
12 things =	$2 + 3 =$	$5 \times 2 =$
6 things =	$7 + 3 =$	$2 \times 6 =$
12 inches =	$5 + 3 =$	$3 \times 4 =$
$\frac{1}{2}$ dozen =	$8 + 3 =$	$2 \times 6 =$
$\frac{1}{2}$ of a foot =	$9 + 3 =$	$12 - 6 =$
$\frac{1}{3}$ of a foot =	$4 + 5 =$	$12 - 7 =$
$\frac{1}{4}$ of a foot =	$6 + 5 =$	$12 - 8 =$
$\frac{1}{3}$ of a dozen =	$7 + 5 =$	$12 - 5 =$

Lesson 33.

Copy and complete : (260)

10 + 3 =	10	3	13.	3 + = 13.
9 + 4 =	9	4	13.	10 + = 13.
13 − 3 =	13	3	10.	12 + = 13.
13 − 4 =	13	4	9.	11 + = 13.
13 − 10 =	13	10	3.	9 + = 13.
13 − 9 =	13	9	4.	4 + = 13.
4 + 9 =	3	10	13.	13 − = 12.
3 + 10 =	4	9	13.	13 − = 11.
11 + 2 =	13	2	11.	13 − = 10.
12 + 1 =	13	11	2.	13 − = 9.

Lesson 34.

Copy and complete : (263)

8 + 5 =	13 − 3 =	6 + 7 =
5 + 8 =	13 × 1 =	13 − 6 =
13 − 5 =	11 + 2 =	13 − 7 =
13 − 8 =	12 + 1 =	7 + 6 =
9 + 4 =	13 − 2 =	8 + 5 =
13 − 9 =	13 − 1 =	13 − 5 =
13 − 4 =	13 × 0 =	13 − 8 =
10 + 3 =	13 − 5 =	5 + 8 =
13 − 10 =	13 − 8 =	9 + 4 =
4 + 9 =	13 − 7 =	8 + 5 =

Lesson 35.

Copy and complete :   (265–267)

$10 + \ 4 =$	$14 = 10 +$	$10 + \quad = 14.$
$14 - 10 =$	$14 = \ 4 +$	$10 + \quad = 13.$
$14 - \ 4 =$	$14 = \ 7 +$	$10 + \quad = 12.$
$4 + 10 =$	$13 = 10 +$	$10 + \quad = 11.$
$7 \times \ 2 =$	$13 = \ 9 +$	$14 - \quad = 10.$
$6 \times \ 2 =$	$13 = \ 7 +$	$11 - \quad = 10.$
$5 \times \ 2 =$	$12 = \ 6 +$	$12 - \quad = 10.$
$4 \times \ 2 =$	$12 = \ 7 +$	$13 - \quad = 10.$
$3 \times \ 2 =$	$12 = \ 8 +$	$7 + \quad = 14.$
$3 \times \ 0 =$	$14 = 14 +$	$14 - \quad = \ 7.$

Lesson 36.

Use the new sign in completing :   (267)

$6 \quad 3 = 2.$	$2 \div 1 =$	$6 \div 3 =$
$6 \quad 2 = 3.$	$7 \div 1 =$	$6 \div 2 =$
$8 \quad 4 = 2.$	$14 \div 1 =$	$8 \div 4 =$
$9 \quad 3 = 3.$	$12 \div 1 =$	$9 \div 3 =$
$8 \quad 2 = 4.$	$13 \div 1 =$	$8 \div 2 =$
$14 \quad 2 = 7.$	$12 \div 3 =$	$12 \div 2 =$
$12 \quad 2 = 6.$	$14 \div 2 =$	$12 \div 6 =$
$12 \quad 3 = 4.$	$12 \div 6 =$	$12 \div 3 =$
$12 \quad 4 = 3.$	$12 \div 2 =$	$12 \div 4 =$
$12 \quad 6 = 2.$	$10 \div 5 =$	$14 \div 2 =$

Lesson 37.

Copy and complete : (268)

9 + 5 =	14 ÷ 2 =	9 ÷ 3 =
14 − 9 =	12 ÷ 2 =	12 ÷ 3 =
14 − 5 =	10 ÷ 2 =	4 ÷ 4 =
5 + 9 =	8 ÷ 2 =	8 ÷ 4 =
10 + 4 =	6 ÷ 2 =	12 ÷ 4 =
14 − 4 =	4 ÷ 2 =	5 ÷ 5 =
14 − 10 =	2 ÷ 2 =	10 ÷ 5 =
4 + 10 =	1 ÷ 1 =	6 ÷ 6 =
14 − 2 =	3 ÷ 3 =	12 ÷ 6 =
12 + 2 =	6 ÷ 3 =	7 ÷ 7 =

Lesson 38.

Copy and complete : (270)

9	5	14.	8 + 6 =	2 × 4 + 6 =
14	9	5.	14 − 8 =	2 × 3 + 8 =
5	9	14.	6 + 8 =	4 × 2 + 6 =
14	5	9.	14 − 6 =	3 × 2 + 8 =
10	4	14.	14 − 4 =	8 × 1 + 6 =
14	10	4.	14 − 5 =	6 × 1 + 8 =
14	4	10.	14 − 9 =	10 + 4 − 6 =
4	10	14.	14 − 10 =	10 + 4 − 8 =
7	2	14.	7 × 2 =	3 × 3 + 5 =
14	2	7.	14 ÷ 2 =	2 × 5 + 4 =

Lesson 39.

Copy and complete :   (271)

8 + = 14.	14 ÷ = 7.	7 × = 14.
9 + = 14.	12 ÷ = 6.	6 × = 12.
10 + = 14.	12 ÷ = 4.	4 × = 12.
14 − = 6.	12 ÷ = 3.	3 × = 12.
14 − = 8.	12 ÷ = 2.	2 × = 12.
14 − = 4.	12 ÷ = 12.	2 × = 10.
14 − = 10.	10 ÷ = 2.	5 × = 10.
14 − = 9.	10 ÷ = 5.	2 × = 8.
14 − = 5.	8 ÷ = 2.	4 × = 8.
14 − = 7.	9 ÷ = 3.	3 × = 9.

Lesson 40.

Copy and complete :

4 gills =	1 dozen =	things.
2 pints =	½ dozen =	things.
7 days =	1 foot =	inches.
14 days =	½ foot =	inches.
12 months =	⅓ foot =	inches.
6 months =	¼ foot =	inches.
12 things =	1 year =	months.
6 things =	½ year =	months.
12 inches =	⅓ year =	months.
6 inches =	¼ year =	months.

Lesson 41.

Copy and complete : (272)

½ of = 1.	7 + 7 =	10 + 1 =
½ of = 2.	2 × 7 =	10 + 2 =
½ of = 3.	½ of 14 =	10 + 3 =
½ of = 4.	14 ÷ 7 =	10 + 4 =
½ of = 5.	14 − 7 =	14 − 10 =
½ of = 6.	8 + 6 =	13 − 10 =
⅓ of = 1.	9 + 5 =	12 − 10 =
⅓ of = 2.	6 + 8 =	11 − 10 =
⅓ of = 3.	5 + 9 =	14 − 4 =
⅓ of = 4.	7 + 7 =	13 − 3 =

Lesson 42.

Copy and complete : (273)

2 × 7 =	12 ÷ 3 =	9 = 6 +
7 × 2 =	12 ÷ 4 =	8 = 5 +
14 ÷ 7 =	½ of 14 =	7 = 4 +
14 ÷ 2 =	½ of 12 =	7 = 2 +
2 × 6 =	⅓ of 12 =	6 = 2 +
6 × 2 =	¼ of 12 =	9 = 2 +
12 ÷ 6 =	⅓ of 9 =	8 = 2 +
12 ÷ 2 =	¼ of 8 =	9 = 7 +
3 × 4 =	⅛ of 8 =	10 = 7 +
4 × 3 =	½ of 1 =	10 = 6 +

Lesson 43.

Copy and complete :   (274–280

$3 \times 4 =$	$12 \div 6 =$	$7 + 5 =$
$3 \times 3 =$	$14 \div 7 =$	$10 - 7 =$
$6 \div 3 =$	$14 - 6 =$	$11 - 10 =$
$12 \div 3 =$	$6 + 5 =$	$9 - 7 =$
$12 \div 2 =$	$6 + 8 =$	$12 - 10 =$
$6 \times 2 =$	$7 + 6 =$	$11 - 9 =$
$12 \div 4 =$	$6 + 4 =$	$14 - 8 =$
$7 \times 2 =$	$3 + 7 =$	$14 - 6 =$
$14 \div 2 =$	$4 + 8 =$	$14 - 5 =$
$2 \times 7 =$	$4 + 9 =$	$14 - 9 =$

Lesson 44.

Copy and complete :   (282–284)

$10 + 5 =$	$10 + \quad = 15.$	$- 10 = 5.$
$15 - 5 =$	$5 + \quad = 15.$	$- 5 = 10.$
$5 + 10 =$	$15 \div \quad = 3.$	$\div 5 = 3.$
$15 - 10 =$	$3 \times \quad = 15.$	of $15 = 5.$
$15 \div 5 =$	$15 - \quad = 5.$	$+ 5 = 15.$
$3 \times 5 =$	$15 - \quad = 10.$	$+ 10 = 15.$
$14 + 1 =$	$15 - \quad = 12.$	$+ 14 = 15.$
$12 + 3 =$	$12 + \quad = 15.$	$+ 13 = 15.$
$11 + 4 =$	$15 - \quad = 3.$	$+ 12 = 15.$
$13 + 2 =$	$\frac{1}{3}$ of $\quad = 5.$	$+ 11 = 15.$

Lesson 45

Copy and complete :   (285–287)

9 + 6 =	15 − = 10.	15 = 10 +
15 − 6 =	15 − = 9.	15 = 9 +
15 − 9 =	15 − = 5.	15 = 12 +
6 + 9 =	15 − = 6.	15 = 6 +
15 ÷ 3 =	6 + = 15.	15 = 5 ×
5 × 3 =	9 + = 15.	15 = 3 ×
3 × 5 =	10 + = 15.	14 = 10 +
15 ÷ 5 =	5 + = 15.	14 = 9 +
15 − 5 =	15 ÷ = 5.	14 = 8 +
15 − 10 =	15 ÷ = 3.	14 = 7 +

Lesson 46.

Copy and complete :

14 = 6 +	13 = 10 +	12 = 5 +
14 = 5 +	13 = 9 +	12 = 4 +
14 = 4 +	13 = 8 +	12 = 3 +
14 = 2 +	13 = 7 +	12 = 2 +
13 = 3 +	13 = 6 +	11 = 1 +
13 = 4 +	12 = 10 +	11 = 2 +
13 = 5 +	12 = 9 +	11 = 3 +
13 = 6 +	12 = 8 +	11 = 4 +
13 = 7 +	12 = 7 +	11 = 5 +
13 = 8 +	12 = 6 +	11 = 6 +

Lesson 47.

Copy and complete : (288)

$10 + 5 =$	$7 + 6 =$	$8 + 2 =$
$9 + 6 =$	$10 + 2 =$	$7 + 3 =$
$8 + 7 =$	$9 + 3 =$	$6 + 4 =$
$10 + 4 =$	$8 + 4 =$	$5 + 5 =$
$9 + 5 =$	$7 + 5 =$	$7 + 2 =$
$8 + 6 =$	$6 + 6 =$	$6 + 3 =$
$7 + 7 =$	$9 + 2 =$	$5 + 4 =$
$10 + 3 =$	$8 + 3 =$	$6 + 2 =$
$9 + 4 =$	$7 + 4 =$	$5 + 3 =$
$8 + 5 =$	$6 + 5 =$	$5 + 2 =$

Lesson 48.

Copy and complete : (288)

$2 \times 2 =$	$3 \times 5 =$	$15 = 3 \times$
$2 \times 7 =$	$4 \times 2 =$	$15 = 5 \times$
$2 \times 3 =$	$4 \times 3 =$	$14 = 7 \times$
$2 \times 6 =$	$5 \times 2 =$	$14 = 2 \times$
$2 \times 4 =$	$5 \times 3 =$	$12 = 2 \times$
$2 \times 5 =$	$6 \times 2 =$	$12 = 6 \times$
$3 \times 2 =$	$7 \times 2 =$	$12 = 4 \times$
$3 \times 3 =$	$4 \times 3 =$	$12 = 3 \times$
$3 \times 4 =$	$3 \times 5 =$	$10 = 5 \times$
$4 \times 3 =$	$5 \times 3 =$	$10 = 2 \times$

Lesson 49.

Copy and complete : (288)

$4 \div 2 =$	$12 \div 3 =$	$15 \div = 5$
$6 \div 2 =$	$15 \div 3 =$	$15 \div = 3.$
$8 \div 2 =$	$4 \div 4 =$	$14 \div = 7.$
$10 \div 2 =$	$8 \div 4 =$	$14 \div = 2.$
$12 \div 2 =$	$12 \div 4 =$	$12 \div = 3.$
$14 \div 2 =$	$10 \div 5 =$	$12 \div = 2.$
$3 \div 3 =$	$12 \div 6 =$	$12 \div = 4.$
$6 \div 3 =$	$14 \div 7 =$	$12 \div = 6.$
$9 \div 3 =$	$8 \div 8 =$	$8 \div = 2.$
$9 \div 9 =$	$7 \div 7 =$	$8 \div = 1.$

Lesson 50.

Copy and complete : (289)

$\frac{1}{2}$ of $14 =$	$\frac{1}{3}$ of $9 =$	$\frac{1}{2}$ of $1 =$
$\frac{1}{2}$ of $12 =$	$\frac{1}{3}$ of $6 =$	$\frac{1}{2}$ of $0 =$
$\frac{1}{2}$ of $10 =$	$\frac{1}{3}$ of $12 =$	$\frac{1}{4}$ of $1 =$
$\frac{1}{2}$ of $2 =$	$\frac{1}{3}$ of $15 =$	$\frac{1}{4}$ of $0 =$
$\frac{1}{2}$ of $4 =$	$\frac{1}{4}$ of $4 =$	$\frac{1}{8}$ of $1 =$
$\frac{1}{2}$ of $10 =$	$\frac{1}{4}$ of $12 =$	$\frac{1}{8}$ of $0 =$
$\frac{1}{2}$ of $8 =$	$\frac{1}{4}$ of $8 =$	$\frac{1}{3}$ of $1 =$
$\frac{1}{2}$ of $6 =$	$\frac{1}{3}$ of $12 =$	$\frac{1}{3}$ of $0 =$
$\frac{1}{3}$ of $3 =$	$\frac{1}{4}$ of $12 =$	$\frac{1}{8}$ of $8 =$
$\frac{1}{3}$ of $15 =$	$\frac{1}{3}$ of $9 =$	$\frac{1}{3}$ of $15 =$

Lesson 51.

Copy and find the sums of :   (289)

3	4	2	2	2	3	1	3
2	3	5	2	3	1	0	3
4	2	3	6	4	8	9	3
6	1	4	3	6	3	5	3

2	1	2	2	4	1	1	2
4	2	3	2	3	1	3	4
3	3	4	3	3	8	7	4
4	4	5	8	4	5	2	4

3	2	3	6	5	4	5	5
3	2	4	0	2	2	2	0
4	3	2	5	3	3	2	5
5	6	6	4	5	4	5	3

Lesson 52.

Copy and complete :   (290)

$10 + 6 =$	$16 - \quad = 10.$	$10 + 5 =$
$16 - 10 =$	$16 - \quad = 6.$	$10 + 2 =$
$16 - 6 =$	$14 - \quad = 8.$	$10 + 4 =$
$6 + 10 =$	$8 + \quad = 13.$	$10 + 6 =$
$8 + 7 =$	$10 + \quad = 16.$	$10 + 3 =$
$2 \times 7 =$	$6 + \quad = 16.$	$15 - 5 =$
$16 - 4 =$	$15 - \quad = 7.$	$14 - 4 =$
$15 - 8 =$	$14 - \quad = 9.$	$12 - 2 =$
$14 - 14 =$	$9 + \quad = 15.$	$16 - 6 =$
$16 - 0 =$	$8 + \quad = 15.$	$13 - 3 =$

Lesson 53.

Copy and complete : (291)

$9 + 7 =$	$+ 10 = 16.$	$16 = 10 +$
$16 - 9 =$	$+ 6 = 16.$	$16 = 6 +$
$16 - 7 =$	$+ 9 = 16.$	$16 = 9 +$
$7 + 9 =$	$+ 8 = 16.$	$16 = 7 +$
$12 \div 4 =$	$+ 5 = 16.$	$16 = 12 +$
$3 \times 4 =$	$+ 11 = 16.$	$16 = 4 +$
$2 \times 7 =$	$+ 2 = 16.$	$16 = 11 +$
$14 \div 7 =$	$+ 3 = 16.$	$16 = 5 +$
$14 \div 2 =$	$+ 1 = 16.$	$16 = 3 +$
$12 + 4 =$	$+ 4 = 16.$	$16 = 13 +$

Lesson 54.

Copy and complete : (292)

$8 + 8 =$	$8 + \quad = 16.$	$9 + \quad = 16.$
$16 - 8 =$	$9 + \quad = 16.$	$9 + \quad = 15.$
$2 \times 8 =$	$16 - \quad = 8.$	$9 + \quad = 14.$
$16 \div 8 =$	$16 - \quad = 7.$	$9 + \quad = 13.$
$7 + 9 =$	$16 - \quad = 9.$	$9 + \quad = 12.$
$16 - 9 =$	$16 - \quad = 6.$	$9 + \quad = 11.$
$16 - 7 =$	$16 - \quad = 10.$	$8 + \quad = 16.$
$9 + 7 =$	$2 \times \quad = 16.$	$8 + \quad = 15.$
$10 + 6 =$	$16 \div \quad = 2.$	$8 + \quad = 14.$
$16 - 6 =$	$7 + \quad = 16.$	$8 + \quad = 13.$

Lesson 55.

Copy and complete :   (293–296)

$16 \div 8 =$	$2 \times 8 =$	$\frac{1}{2}$ of $16 =$
$16 \div 4 =$	$4 \times 4 =$	$\frac{1}{4}$ of $16 =$
$16 \div 2 =$	$8 \times 2 =$	$\frac{1}{8}$ of $16 =$
$15 \div 5 =$	$3 \times 5 =$	$\frac{1}{3}$ of $15 =$
$15 \div 3 =$	$5 \times 3 =$	$\frac{1}{2}$ of $14 =$
$14 \div 7 =$	$2 \times 7 =$	$\frac{1}{2}$ of $12 =$
$14 \div 2 =$	$7 \times 2 =$	$\frac{1}{4}$ of $12 =$
$12 \div 6 =$	$2 \times 6 =$	$\frac{1}{3}$ of $12 =$
$12 \div 4 =$	$3 \times 4 =$	$\frac{1}{2}$ of $10 =$
$12 \div 3 =$	$4 \times 3 =$	$\frac{1}{3}$ of $\ 9 =$

Lesson 56.

Copy and complete :

4 gills =	1 pint	=	gills.
2 pints =	1 quart	=	pints.
4 quarts =	1 gallon	=	quarts.
12 inches =	1 foot	=	inches.
3 feet =	1 yard	=	feet.
7 days =	1 week	=	days.
4 weeks =	1 month	=	weeks.
12 months =	1 year	=	months.
12 things =	1 dozen	=	things.
6 things =	$\frac{1}{2}$ dozen	=	things.

Lesson 57.

Copy and find the remainders : (297)

15	11	15	16	16	12
− 10	− 10	− 5	− 8	− 9	− 9

14	10	14	14	15	11
− 10	− 10	− 4	− 7	− 9	− 9

13	16	13	12	14	15
− 10	− 10	− 3	− 6	− 9	− 8

12	16	12	10	13	14
− 10	− 6	− 2	− 5	− 9	− 8

13	12	11	16	15	13
− 8	− 8	− 8	− 7	− 7	− 7

Lesson 58.

Copy and complete : (000)

6 + 6 =	10 + 3 =	8 + 7 =
7 + 5 =	11 + 2 =	9 + 6 =
8 + 4 =	12 + 1 =	10 + 5 =
9 + 3 =	7 + 7 =	11 + 4 =
10 + 2 =	8 + 6 =	12 + 3 =
11 + 1 =	9 + 5 =	13 + 2 =
6 + 7 =	10 + 4 =	14 + 1 =
7 + 6 =	11 + 3 =	8 + 8 =
8 + 5 =	12 + 2 =	9 + 7 =
9 + 4 =	13 + 1 =	10 + 6 =

Lesson 59.

Copy and complete :

$16 = 8 \times 2 +$	$15 = 7 \times 2 +$	$13 = 6 +$
$16 = 2 \times 7 +$	$15 = 3 \times 4 +$	$13 = 7 +$
$16 = 3 \times 5 +$	$15 = 2 \times 6 +$	$13 = 5 +$
$16 = 5 \times 3 +$	$15 = 2 \times 7 +$	$13 = 8 +$
$16 = 2 \times 6 +$	$15 = 1 \times 8 +$	$13 = 9 +$
$16 = 1 \times 9 +$	$15 = 1 \times 9 +$	$13 = 4 +$
$16 = 1 \times 10 +$	$15 = 1 \times 10 +$	$12 = 8 +$
$16 = 1 \times 11 +$	$14 = 3 \times 4 +$	$12 = 4 +$
$16 = 1 \times 12 +$	$14 = 4 \times 3 +$	$12 = 7 +$
$16 = 2 \times 8 +$	$14 = 2 \times 6 +$	$12 = 5 +$

Lesson 60.

Copy and complete :   (302)

$10 + 7 =$	$17 - = 10.$	$17 = 10 +$
$17 - 10 =$	$17 - = 9.$	$17 = 7 +$
$9 + 8 =$	$17 - = 8.$	$17 = 9 +$
$17 - 7 =$	$17 - = 7.$	$17 = 8 +$
$17 - 8 =$	$10 + = 17.$	$17 = 12 +$
$17 - 9 =$	$9 + = 17.$	$17 = 13 +$
$17 \times 1 =$	$8 + = 17.$	$17 = 14 +$
$17 \times 0 =$	$7 + = 17.$	$17 = 15 +$
$17 \div 1 =$	$0 + = 17.$	$17 = 16 +$
$17 \div 17 =$	$1 + = 17.$	$17 = 17 +$

Lesson 61.

Copy and find the remainders : (302)

17	13	14	17	13	9
− 2	− 2	− 3	− 4	− 4	− 4

16	17	13	16	12	17
− 2	− 3	− 3	− 4	− 4	− 5

15	16	12	15	11	16
− 2	− 3	− 3	− 4	− 4	− 5

14	15	11	11	10	15
− 2	− 3	− 3	− 4	− 4	− 5

17	17	17	16	15	14
− 6	− 7	− 10	− 10	− 10	− 10

Lesson 62.

Copy and find the remainders : (303)

14	17	12	17	12	17
− 5	− 6	− 6	− 7	− 7	− 9

13	16	11	16	11	17
− 5	− 6	− 6	− 7	− 7	− 10

12	15	10	15	10	17
− 5	− 6	− 6	− 7	− 7	− 11

11	14	9	14	9	17
− 5	− 6	− 6	− 7	− 7	− 12

10	13	8	13	17	17
− 5	− 6	− 6	− 7	− 8	− 13

Lesson 63.

Copy and find the sums :

4	3	0	2	3	3	0	1
4	3	6	4	3	2	7	2
7	6	7	3	4	4	3	6
1	2	3	4	5	6	7	8

0	1	0	2	5	1	3	3
3	3	3	1	3	1	4	2
5	5	7	5	5	8	7	6
9	8	7	6	4	3	2	5

3	1	3	8	5	4	4	5
0	7	4	0	3	0	7	0
6	0	0	6	7	6	0	5
9	9	9	3	2	7	6	7

Lesson 64.

Copy and complete :

$\frac{1}{2}$ of $6 =$	$\frac{1}{6}$ of $12 =$	$\frac{1}{4}$ of $8 =$
$\frac{1}{3}$ of $6 =$	$\frac{1}{2}$ of $10 =$	$\frac{1}{4}$ of $12 =$
$\frac{1}{6}$ of $6 =$	$\frac{1}{2}$ of $14 =$	$\frac{1}{4}$ of $16 =$
$\frac{1}{2}$ of $8 =$	$\frac{1}{2}$ of $16 =$	$\frac{1}{6}$ of $6 =$
$\frac{1}{4}$ of $8 =$	$\frac{1}{3}$ of $3 =$	$\frac{1}{6}$ of $12 =$
$\frac{1}{8}$ of $8 =$	$\frac{1}{3}$ of $6 =$	$\frac{1}{8}$ of $8 =$
$\frac{1}{3}$ of $9 =$	$\frac{1}{3}$ of $9 =$	$\frac{1}{8}$ of $16 =$
$\frac{1}{2}$ of $12 =$	$\frac{1}{3}$ of $12 =$	$\frac{1}{2}$ of $1 =$
$\frac{1}{4}$ of $12 =$	$\frac{1}{3}$ of $15 =$	$\frac{1}{3}$ of $1 =$
$\frac{1}{3}$ of $12 =$	$\frac{1}{4}$ of $4 =$	$\frac{1}{6}$ of $1 =$

Lesson 65.

Copy and complete : (305)

10 + 8 =	18 = 10 +	16 = 10 +
18 − 8 =	18 = 8 +	16 = 6 +
18 − 10 =	18 = 9 +	16 = 9 +
8 + 10 =	18 = 2 ×	16 = 7 +
9 + 9 =	17 = 10 +	16 = 8 +
18 − 9 =	17 = 7 +	16 = 2 ×
2 × 9 =	17 = 9 +	16 = 8 ×
18 ÷ 9 =	17 = 8 +	16 = 4 ×
16 ÷ 8 =	17 = 12 +	15 = 3 ×
14 ÷ 7 =	17 = 5 +	15 = 5 ×

Lesson 66.

Copy and complete : (306)

18 ÷ 9 =	18 − = 10.	10 + = 18.
2 × 9 =	18 − = 8.	8 + = 18.
18 ÷ 6 =	18 − = 9.	9 + = 18.
3 × 6 =	18 − = 12.	12 + = 18.
12 + 6 =	18 − = 6.	6 + = 18.
18 − 6 =	18 − = 15.	15 + = 18.
18 − 12 =	18 − = 3.	3 + = 18.
15 + 3 =	18 − = 18.	18 ÷ = 2.
18 − 3 =	18 − = 16.	2 × = 18.
18 − 15 =	18 − = 2.	3 × = 18.

Lesson 67.

Copy and complete : (307)

$\frac{1}{2}$ of 18 =	9 = $\frac{1}{2}$ of	3 = $\frac{1}{4}$ of
$\frac{1}{3}$ of 18 =	8 = $\frac{1}{2}$ of	2 = $\frac{1}{4}$ of
$\frac{1}{6}$ of 18 =	7 = $\frac{1}{2}$ of	2 = $\frac{1}{8}$ of
$\frac{1}{6}$ of 12 =	6 = $\frac{1}{2}$ of	6 = $\frac{1}{3}$ of
$\frac{1}{3}$ of 12 =	5 = $\frac{1}{2}$ of	5 = $\frac{1}{3}$ of
$\frac{1}{4}$ of 12 =	4 = $\frac{1}{2}$ of	4 = $\frac{1}{3}$ of
$\frac{1}{2}$ of 12 =	3 = $\frac{1}{2}$ of	3 = $\frac{1}{3}$ of
$\frac{1}{2}$ of 16 =	2 = $\frac{1}{2}$ of	2 = $\frac{1}{3}$ of
$\frac{1}{4}$ of 16 =	1 = $\frac{1}{2}$ of	3 = $\frac{1}{6}$ of
$\frac{1}{8}$ of 16 =	4 = $\frac{1}{4}$ of	2 = $\frac{1}{6}$ of

Lesson 68.

Copy and complete : (308)

$6 \times 3 =$	$18 \div 2 =$	$+\ 9 = 18.$
$3 \times 6 =$	$18 \div 3 =$	$+ 10 = 18.$
$9 \times 2 =$	$18 \div 6 =$	$+\ 8 = 18.$
$2 \times 9 =$	$18 \div 9 =$	$+ 12 = 18.$
$4 \times 4 =$	$16 \div 4 =$	$+\ 6 = 18.$
$8 \times 2 =$	$16 \div 8 =$	$+ 15 = 18.$
$2 \times 8 =$	$16 \div 2 =$	$+\ 3 = 18.$
$3 \times 5 =$	$15 \div 3 =$	$+\ 2 = 18.$
$5 \times 3 =$	$15 \div 5 =$	$+ 16 = 18.$
$3 \times 4 =$	$12 \div 3 =$	$+\ 0 = 13.$

Lesson 69.

Copy and find the remainders :

18	18	18	18	18	18
− 8	− 10	− 12	− 6	− 3	− 15
18	18	18	18	18	18
− 13	− 11	− 7	− 9	− 14	− 17
18	18	18	18	18	18
− 16	− 15	− 5	− 2	− 4	− 0
17	17	17	17	17	17
− 7	− 10	− 12	− 5	− 11	− 13
16	16	16	16	16	16
− 10	− 6	− 11	− 5	− 12	− 4

Lesson 70.

Copy and complete : (311)

10 + 9 =	9 − 0 =	9 − 2 =
10 + 8 =	19 − 10 =	19 − 12 =
10 + 7 =	9 − 1 =	8 − 0 =
10 + 6 =	19 − 11 =	18 − 10 =
10 + 5 =	9 − 4 =	8 − 1 =
10 + 4 =	19 − 14 =	18 − 11 =
10 + 3 =	9 − 5 =	8 − 2 =
10 + 2 =	19 − 15 =	18 − 12 =
10 + 1 =	9 − 3 =	8 − 3 =
10 + 0 =	19 − 13 =	18 − 13 =

Lesson 71.

Copy and multiply :   (312)

8	9	6	7	3	4
2	2	3	2	3	2

6	4	2	3	5	3
2	3	3	4	2	2

5	2	4	2	2	3
3	4	4	5	6	5

2	2	3	2	2	3
6	9	6	8	7	4

3	3	3	4	2	5
6	5	4	4	9	3

Lesson 72.

Copy and complete :   (313)

$12 + 6 =$	$18 = 9 \times$	$9 \times \quad = 18.$
$3 \times 6 =$	$18 = 6 \times$	$6 \times \quad = 18.$
$18 \div 2 =$	$18 = 3 \times$	$3 \times \quad = 18.$
$18 \div 3 =$	$18 = 2 \times$	$2 \times \quad = 18.$
$2 \times 8 =$	$18 = 18 \times$	$18 \times \quad = 18.$
$4 \times 4 =$	$16 = 8 \times$	$1 \times \quad = 18.$
$16 \div 4 =$	$16 = 4 \times$	$8 \times \quad = 16.$
$18 \div 2 =$	$16 = 2 \times$	$4 \times \quad = 16.$
$7 + 10 =$	$15 = 3 \times$	$2 \times \quad = 16.$
$9 + 10 =$	$15 = 5 \times$	$5 \times \quad = 15.$

Lesson 73.

Copy and finish; learn to repeat : (314)

$1 \times 2 =$	$1 \times 10 =$	$10 + 1 =$
$2 \times 2 =$	$2 \times 10 =$	$10 + 2 =$
$3 \times 2 =$	$3 \times 10 =$	$10 + 3 =$
$4 \times 2 =$	$4 \times 10 =$	$10 + 4 =$
$5 \times 2 =$	$5 \times 10 =$	$10 + 5 =$
$6 \times 2 =$	$6 \times 10 =$	$10 + 6 =$
$7 \times 2 =$	$7 \times 10 =$	$10 + 7 =$
$8 \times 2 =$	$8 \times 10 =$	$10 + 8 =$
$9 \times 2 =$	$9 \times 10 =$	$10 + 9 =$
$10 \times 2 =$	$10 \times 10 =$	$10 + 10 =$

Lesson 74.

Copy and complete : (315, 316)

$10 \div 10 =$	$0 + 10 =$	$20 = 10 +$
$20 \div 10 =$	$20 + 10 =$	$30 = 10 +$
$30 \div 10 =$	$40 + 10 =$	$40 = 10 +$
$40 \div 10 =$	$60 + 10 =$	$50 = 40 +$
$50 \div 10 =$	$80 + 10 =$	$70 = 60 +$
$60 \div 10 =$	$30 + 10 =$	$90 = 80 +$
$70 \div 10 =$	$50 + 10 =$	$60 = 10 +$
$80 \div 10 =$	$70 + 10 =$	$80 = 10 +$
$90 \div 10 =$	$90 + 10 =$	$90 = 10 +$
$100 \div 10 =$	$10 + 10 =$	$100 = 90 +$

Lesson 75.

Copy and add the tens :   (317)

30	60	50	20	50	30
40	20	40	30	20	30

60	30	40	20	50	70
30	50	40	40	50	20

20	20	30	30	40	40
20	80	20	70	30	20

20	20	20	80	50	30
50	60	70	20	30	60

70	60	40	40	70	40
30	40	50	60	20	30

Lesson 76.

Copy and multiply :   (317)

20	30	50	100	200	400
1	1	1	6	3	2

20	30	50	100	200	400
2	2	2	7	4	1

20	30	100	100	200	500
3	3	2	8	1	1

20	40	100	100	300	600
4	1	3	9	3	1

20	40	100	200	300	700
5	2	4	2	2	1

Lesson 77.

Copy and complete : (319)

$100 - 10 =$	$100 = 90 +$	$10 + \quad = 20.$
$90 - 10 =$	$90 = 80 +$	$10 + \quad = 50.$
$80 - 10 =$	$80 = 70 +$	$10 + \quad = 70.$
$70 - 10 =$	$70 = 60 +$	$10 + \quad = 60.$
$60 - 10 =$	$60 = 50 +$	$10 + \quad = 30.$
$50 - 10 =$	$50 = 40 +$	$10 + \quad = 80.$
$40 - 10 =$	$40 = 30 +$	$10 + \quad = 40.$
$30 - 10 =$	$30 = 20 +$	$10 + \quad = 90.$
$20 - 10 =$	$20 = 10 +$	$10 + \quad = 100.$
$10 - 10 =$	$10 = 0 +$	$10 + \quad = 10.$

Lesson 78.

Copy and complete :

$10 \times 2 =$	$20 \div 2 =$	$2 \times 20 =$
$10 \times 4 =$	$30 \div 3 =$	$3 \times 20 =$
$10 \times 6 =$	$60 \div 6 =$	$4 \times 20 =$
$10 \times 8 =$	$90 \div 9 =$	$2 \times 30 =$
$10 \times 10 =$	$40 \div 4 =$	$2 \times 40 =$
$10 \times 3 =$	$70 \div 7 =$	$2 \times 50 =$
$10 \times 5 =$	$80 \div 8 =$	$3 \times 30 =$
$10 \times 7 =$	$50 \div 5 =$	$9 \times 10 =$
$10 \times 9 =$	$100 \div 10 =$	$10 \times 10 =$
$10 \times 0 =$	$10 \div 1 =$	$8 \times 10 =$

Lesson 79.

Copy and find the remainders :   (321)

100	100	100	100	100	100
− 20	− 40	− 60	− 80	− 30	− 50

100	100	90	90	90	90
− 70	− 90	− 20	− 40	− 60	− 80

90	90	90	80	80	80
− 30	− 50	− 70	− 20	− 40	− 60

80	80	80	70	70	70
− 30	− 50	− 70	− 20	− 40	− 30

70	60	60	60	50	40
− 20	− 20	− 40	− 30	− 30	− 20

Lesson 80.

Copy and complete :   (321)

$20 + 3 =$	$50 + 4 =$	$10 + 2 =$
$20 + 5 =$	$50 + 7 =$	$20 + 2 =$
$20 + 7 =$	$60 + 8 =$	$30 + 2 =$
$20 + 9 =$	$60 + 3 =$	$40 + 2 =$
$30 + 4 =$	$70 + 5 =$	$50 + 2 =$
$30 + 7 =$	$70 + 9 =$	$60 + 2 =$
$30 + 2 =$	$70 + 7 =$	$70 + 2 =$
$40 + 1 =$	$80 + 3 =$	$80 + 2 =$
$40 + 8 =$	$80 + 8 =$	$90 + 2 =$
$40 + 6 =$	$90 + 9 =$	$10 + 7 =$

Lesson 81.

Copy and complete :

$12 - 2 =$	$24 - 4 =$	$97 - 7 =$
$22 - 2 =$	$34 - 4 =$	$16 - 6 =$
$32 - 2 =$	$44 - 4 =$	$26 - 6 =$
$42 - 2 =$	$54 - 4 =$	$46 - 6 =$
$52 - 2 =$	$15 - 5 =$	$66 - 6 =$
$62 - 2 =$	$25 - 5 =$	$86 - 6 =$
$72 - 2 =$	$65 - 5 =$	$19 - 9 =$
$82 - 2 =$	$17 - 7 =$	$29 - 9 =$
$92 - 2 =$	$27 - 7 =$	$39 - 9 =$
$14 - 4 =$	$37 - 7 =$	$49 - 9 =$

Lesson 82.

Copy and complete : (322)

$7 + 10 =$	$97 - 10 =$	$5 + 10 =$
$17 + 10 =$	$87 - 10 =$	$15 + 10 =$
$27 + 10 =$	$77 - 10 =$	$25 + 10 =$
$37 + 10 =$	$67 - 10 =$	$35 + 10 =$
$47 + 10 =$	$57 - 10 =$	$45 + 10 =$
$57 + 10 =$	$47 - 10 =$	$15 - 10 =$
$76 + 10 =$	$37 - 10 =$	$25 - 10 =$
$77 + 10 =$	$27 - 10 =$	$35 - 10 =$
$87 + 10 =$	$17 - 10 =$	$45 - 10 =$
$97 + 10 =$	$16 - 10 =$	$55 - 10 =$

Lesson 83.

Copy and complete :   (323)

$2 \times 10 =$	$20 - 10 =$	$2 \times = 20.$
$20 \div 10 =$	$20 - 15 =$	$4 \times = 20.$
$\frac{1}{2}$ of $20 =$	$20 - 5 =$	$10 \times = 20.$
$4 \times 5 =$	$20 - 4 =$	$20 \div = 2.$
$20 \div 5 =$	$20 - 16 =$	$20 \div = 10.$
$\frac{1}{4}$ of $20 =$	$10 + 10 =$	$20 \div = 4.$
$20 \div 2 =$	$15 + 5 =$	$15 + = 20.$
$10 \times 2 =$	$16 + 4 =$	$18 + = 20.$
$15 + 5 =$	$18 + 2 =$	$16 + = 20.$
$4 \times 5 =$	$20 - 2 =$	$4 + = 20.$

Lesson 84.

Copy and complete :   (325)

$20 = 4 \times$	$3 \times 3 =$	$20 \div 2 =$
$20 = 5 \times$	$5 \times 3 =$	$20 \div 4 =$
$20 = 2 \times$	$4 \times 3 =$	$20 \div 5 =$
$20 = 10 \times$	$6 \times 3 =$	$20 \div 10 =$
$20 = 18 +$	$3 \times 4 =$	$18 \div 9 =$
$20 = 17 +$	$5 \times 4 =$	$18 \div 6 =$
$20 = 14 +$	$4 \times 4 =$	$18 \div 3 =$
$20 = 13 +$	$3 \times 5 =$	$18 \div 2 =$
$20 = 12 +$	$4 \times 5 =$	$16 \div 4 =$
$20 = 10 +$	$3 \times 6 =$	$16 \div 8 =.$

Lesson 85.

Copy and find the remainders :

20	18	16	14	12	20
− 10	− 9	− 8	− 7	− 6	− 5

20	20	20	20	20	18
− 4	− 15	− 16	− 12	− 8	− 6

18	18	18	18	19	19
− 12	− 15	− 3	− 10	− 9	− 10

19	19	19	17	17	17
− 17	− 14	− 12	− 12	− 13	− 11

16	16	16	15	15	15
− 4	− 12	− 10	− 5	− 3	− 12

Lesson 86.

Copy and find the sums :

3	7	2	6	2	0	3	4
5	2	5	1	2	3	1	6
3	4	5	6	7	8	9	2
7	7	7	7	7	7	7	7

5	3	2	8	2	5	6	2
4	6	7	1	5	2	0	3
2	3	4	5	6	7	8	9
6	6	6	6	6	6	6	6

2	3	4	5	2	2	4	2
2	3	4	5	6	4	0	0
2	3	4	5	6	7	8	9

Lesson 87.

Copy and find the products :

4	10	20	30	100	8
4	7	2	2	3	2

5	10	20	40	100	2
4	4	4	2	6	7

6	10	20	50	100	3
3	9	3	2	9	6

5	10	20	10	100	3
3	5	5	10	7	5

4	10	30	10	100	3
5	6	3	8	5	4

Lesson 88.

Copy and find the remainders :

10	10	10	10	60	10
− 2	− 4	− 5	− 3	− 3	− 6

20	20	30	20	70	30
− 2	− 4	− 5	− 3	− 3	− 6

30	30	50	30	80	70
− 2	− 4	− 5	− 3	− 3	− 6

40	40	70	40	90	90
− 2	− 4	− 5	− 3	− 3	− 6

50	50	90	50	100	100
− 2	− 4	− 5	− 3	− 3	− 6

Lesson 89.

Copy and complete : (328)

$7 \times 3 =$	$\times 3 = 21.$	$21 = 3 \times$
$21 \div 3 =$	$\times 7 = 21.$	$21 = 7 \times$
$3 \times 7 =$	$\div 7 = 3.$	$21 = 20 +$
$21 \div 7 =$	$\div 3 = 7.$	$21 = 14 +$
$21 - 3 =$	$- 7 = 14.$	$21 = 18 +$
$21 - 7 =$	$+ 3 = 21.$	$21 = 7 +$
$14 + 7 =$	$+ 7 = 21.$	$21 = 3 +$
$18 + 3 =$	$+ 10 = 21.$	$21 = 10 +$
$\frac{1}{3}$ of $21 =$	$+ 20 = 21.$	$21 = 1 +$
$20 + 1 =$	$+ 14 = 21.$	$21 = 11 +$

Lesson 90.

Copy and find the quotients :

$2 \div 2 =$	$12 \div 2 =$	$18 \div 3 =$
$4 \div 2 =$	$12 \div 3 =$	$18 \div 6 =$
$4 \div 4 =$	$12 \div 4 =$	$18 \div 9 =$
$6 \div 2 =$	$12 \div 6 =$	$20 \div 2 =$
$6 \div 3 =$	$14 \div 2 =$	$20 \div 4 =$
$8 \div 2 =$	$14 \div 7 =$	$20 \div 5 =$
$8 \div 4 =$	$16 \div 2 =$	$20 \div 10 =$
$9 \div 3 =$	$16 \div 4 =$	$21 \div 3 =$
$10 \div 2 =$	$16 \div 8 =$	$21 \div 7 =$
$10 \div 5 =$	$18 \div 2 =$	$30 \div 3 =$

Lesson 91.

Copy and complete :   (331, 332)

$7 \times 3 =$	$3 \times \frac{1}{4} = \frac{}{4}.$	$4 = 1 \times 3 +$
$21 \div 7 =$	$2 \times \frac{1}{3} = \frac{}{3}.$	$5 = 1 \times 3 +$
$4 \times 5 =$	$4 \times \frac{1}{4} = \frac{}{4}.$	$8 = 2 \times 3 +$
$4 \times 4 =$	$4 \times \frac{1}{6} = \frac{}{6}.$	$11 = 3 \times 3 +$
$2 \times 9 =$	$3 \times \frac{1}{8} = \frac{}{8}.$	$16 = 5 \times 3 +$
$18 \div 6 =$	$5 \times \frac{1}{8} = \frac{}{8}.$	$19 = 6 \times 3 +$
$21 \div 7 =$	$2 \times \frac{1}{4} = \frac{}{2}.$	$23 = 7 \times 3 +$
$2 \times 8 =$	$4 \times \frac{1}{8} = \frac{}{2}.$	$9 = 2 \times 4 +$
$2 \times 10 =$	$3 \times \frac{1}{6} = \frac{}{2}.$	$13 = 3 \times 4 +$
$5 \times 3 =$	$3 \times \frac{1}{3} = \frac{}{3}.$	$18 = 4 \times 4 +$

Lesson 92.

Copy and complete :   (333)

$21 + 3 =$	$24 = 21 +$	$20 + \quad = 24.$
$8 \times 3 =$	$24 = 20 +$	$21 + \quad = 24.$
$24 \div 3 =$	$24 = 10 +$	$14 + \quad = 24.$
$20 + 4 =$	$24 = 14 +$	$10 + \quad = 24.$
$6 \times 4 =$	$21 = 24 -$	$24 - \quad = 20.$
$24 \div 4 =$	$20 = 24 -$	$24 - \quad = 4.$
$14 + 10 =$	$14 = 24 -$	$24 - \quad = 21.$
$24 - 10 =$	$24 = 8 \times$	$24 - \quad = 3.$
$\frac{1}{8}$ of $24 =$	$24 = 6 \times$	$24 \div \quad = 8.$
$\frac{1}{6}$ of $24 =$	$24 = 4 \times$	$24 \div \quad = 6.$

Lesson 93.

Copy and complete : (334–337)

$24 \div 3 =$	$\frac{1}{3}$ of $24 =$	$8 = \frac{1}{3}$ of
$24 \div 4 =$	$\frac{1}{4}$ of $24 =$	$7 = \frac{1}{3}$ of
$24 \div 6 =$	$\frac{1}{6}$ of $24 =$	$6 = \frac{1}{3}$ of
$24 \div 8 =$	$\frac{1}{8}$ of $24 =$	$5 = \frac{1}{3}$ of
$3 \times 8 =$	$\frac{1}{3}$ of $21 =$	$4 = \frac{1}{3}$ of
$4 \times 6 =$	$\frac{1}{2}$ of $20 =$	$3 = \frac{1}{3}$ of
$6 \times 4 =$	$\frac{1}{4}$ of $20 =$	$2 = \frac{1}{3}$ of
$8 \times 3 =$	$\frac{1}{3}$ of $18 =$	$6 = \frac{1}{4}$ of
$7 \times 3 =$	$\frac{1}{6}$ of $18 =$	$5 = \frac{1}{4}$ of
$6 \times 3 =$	$\frac{1}{4}$ of $16 =$	$4 = \frac{1}{4}$ of

Lesson 94.

Copy and complete :

$10 + 4$	$4 + 7 =$	$11 - 3 =$
$20 + 4$	$14 + 7 =$	$21 - 3 =$
$11 + 3$	$4 - 3 =$	$11 - 7 =$
$21 + 3$	$14 - 3 =$	$21 - 7 =$
$8 + 6$	$24 - 3 =$	$31 - 7 =$
$18 + 6$	$14 - 6 =$	$41 - 7 =$
$6 + 8$	$24 - 6 =$	$51 - 7 =$
$16 + 8$	$14 - 8 =$	$16 - 8 =$
$8 + 3$	$24 - 8 =$	$26 - 8 =$
$18 + 3$	$24 - 4 =$	$36 - 8 =$

Lesson 95.

Copy and add :

5	6	7	3	3	8	2	6
4	6	1	7	3	0	3	0
2	3	4	5	6	7	8	9
9	9	9	9	9	9	9	9
4	3	6	8	6	3	4	8
6	8	6	1	2	7	5	0
1	2	4	3	5	6	7	8
8	8	8	8	8	8	8	8
6	7	8	3	4	4	2	8
9	4	5	6	3	6	5	0
2	3	4	5	6	7	8	9
7	7	7	7	7	7	7	7

Lesson 96.

Copy and finish ; learn to repeat :

24 hours =	4 gills =
7 days =	2 pints =
4 weeks =	4 quarts =
12 months =	24 sheets =
12 inches =	20 quires =
3 feet =	1 gallon =
12 things =	1 score =
20 things =	1 year =
1 foot =	1 quire =
1 yard =	1 dozen =

Lesson 97.

Copy and complete :

$6 \times 2 =$	$6 \times 3 =$	$3 \times 6 =$
$7 \times 2 =$	$7 \times 3 =$	$4 \times 6 =$
$8 \times 2 =$	$8 \times 3 =$	$2 \times 7 =$
$9 \times 2 =$	$3 \times 4 =$	$3 \times 7 =$
$10 \times 2 =$	$4 \times 4 =$	$2 \times 8 =$
$11 \times 2 =$	$5 \times 4 =$	$3 \times 8 =$
$12 \times 2 =$	$6 \times 4 =$	$2 \times 9 =$
$3 \times 3 =$	$3 \times 5 =$	$2 \times 10 =$
$4 \times 3 =$	$4 \times 5 =$	$2 \times 11 =$
$5 \times 3 =$	$2 \times 6 =$	$2 \times 12 =$

Lesson 98.

Copy and complete :

$24 \div 12 =$	$20 \div 10 =$	$16 \div 4 =$
$24 \div 2 =$	$20 \div 2 =$	$15 \div 3 =$
$24 \div 8 =$	$20 \div 5 =$	$15 \div 5 =$
$24 \div 3 =$	$20 \div 4 =$	$14 \div 7 =$
$24 \div 6 =$	$18 \div 9 =$	$14 \div 2 =$
$24 \div 4 =$	$18 \div 2 =$	$12 \div 6 =$
$22 \div 11 =$	$18 \div 6 =$	$12 \div 2 =$
$22 \div 2 =$	$18 \div 3 =$	$12 \div 4 =$
$21 \div 7 =$	$16 \div 8 =$	$12 \div 3 =$
$21 \div 3 =$	$16 \div 2 =$	$10 \div 5 =$

Lesson 99.

Copy and complete :

$\frac{1}{2}$ of 6 =	$\frac{1}{3}$ of 6 =	$\frac{1}{4}$ of 24 =
$\frac{1}{2}$ of 12 =	$\frac{1}{3}$ of 12 =	$\frac{1}{4}$ of 20 =
$\frac{1}{2}$ of 24 =	$\frac{1}{3}$ of 24 =	$\frac{1}{5}$ of 10 =
$\frac{1}{2}$ of 8 =	$\frac{1}{3}$ of 9 =	$\frac{1}{5}$ of 20 =
$\frac{1}{2}$ of 16 =	$\frac{1}{3}$ of 18 =	$\frac{1}{5}$ of 15 =
$\frac{1}{2}$ of 10 =	$\frac{1}{3}$ of 21 =	$\frac{1}{6}$ of 12 =
$\frac{1}{2}$ of 20 =	$\frac{1}{3}$ of 15 =	$\frac{1}{6}$ of 24 =
$\frac{1}{2}$ of 14 =	$\frac{1}{4}$ of 8 =	$\frac{1}{6}$ of 18 =
$\frac{1}{2}$ of 18 =	$\frac{1}{4}$ of 16 =	$\frac{1}{8}$ of 16 =
$\frac{1}{2}$ of 22 =	$\frac{1}{4}$ of 12 =	$\frac{1}{8}$ of 24 =

Lesson 100.

Copy and complete :   (340)

$5 \times 5 =$	$50 + 25 =$	$50 \div 25 =$
$25 \div 5 =$	$75 - 25 =$	$2 \times 25 =$
$20 + 5 =$	$75 - 50 =$	$75 \div 25 =$
$15 + 10 =$	$75 + 25 =$	$3 \times 25 =$
$25 - 5 =$	$100 - 25 =$	$50 + 50 =$
$25 - 20 =$	$100 - 75 =$	$2 \times 50 =$
$25 - 10 =$	$100 - 50 =$	$50 \div 5 =$
$25 - 15 =$	$100 \div 50 =$	$50 \div 10 =$
$25 + 25 =$	$100 \div 25 =$	$\frac{1}{5}$ of 50 =
$50 - 25 =$	$4 \times 25 =$	$\frac{1}{5}$ of 25 =

Lesson 101.

Copy and add :

$4 + 3 =$	$45 + 4 =$	$48 + 5 =$
$14 + 3 =$	$7 + 4 =$	$9 + 6 =$
$24 + 3 =$	$17 + 4 =$	$19 + 6 =$
$34 + 3 =$	$27 + 4 =$	$29 + 6 =$
$44 + 3 =$	$37 + 4 =$	$39 + 6 =$
$54 + 3 =$	$47 + 4 =$	$49 + 6 =$
$5 + 4 =$	$8 + 5 =$	$8 + 4 =$
$15 + 4 =$	$18 + 5 =$	$18 + 4 =$
$25 + 4 =$	$28 + 5 =$	$28 + 4 =$
$35 + 4 =$	$38 + 5 =$	$38 + 4 =$

Lesson 102.

Copy and complete :   (344, 345)

$9 \times 3 =$	$4 \times 6 =$	$27 = 20 +$
$27 \div 3 =$	$24 \div 6 =$	$27 = 7 +$
$3 \times 9 =$	$3 \times 8 =$	$27 = 17 +$
$27 \div 9 =$	$24 \div 8 =$	$27 = 10 +$
$5 \times 5 =$	$2 \times 12 =$	$27 = 24 +$
$25 \div 5 =$	$24 \div 12 =$	$27 = 3 +$
$8 \times 3 =$	$12 \times 2 =$	$27 = 18 +$
$24 \div 3 =$	$24 \div 2 =$	$27 = 9 +$
$6 \times 4 =$	$7 \times 3 =$	$27 = 3 \times$
$24 \div 4 =$	$21 \div 3 =$	$27 = 9 \times$

Lesson 103.

Copy and complete :

$3 \times \quad = 27.$	$27 \div \quad = 3.$	$9 \times 3 =$
$3 \times \quad = 24.$	$24 \div \quad = 3.$	$8 \times 3 =$
$3 \times \quad = 21.$	$21 \div \quad = 3.$	$7 \times 3 =$
$3 \times \quad = 18.$	$18 \div \quad = 3.$	$6 \times 3 =$
$9 \times \quad = 27.$	$27 \div \quad = 9.$	$5 \times 3 =$
$9 \times \quad = 18.$	$24 \div \quad = 4.$	$6 \times 4 =$
$8 \times \quad = 24.$	$20 \div \quad = 4.$	$5 \times 4 =$
$7 \times \quad = 21.$	$24 \div \quad = 6.$	$4 \times 4 =$
$6 \times \quad = 24.$	$18 \div \quad = 6.$	$5 \times 5 =$
$5 \times \quad = 20.$	$24 \div \quad = 8.$	$4 \times 5 =$

Lesson 104.

Copy and complete :   (347)

$\frac{1}{4} + \frac{1}{4} = \frac{}{2}.$	$\frac{1}{3} + \frac{1}{3} = \frac{}{3}.$	$\frac{1}{2} + \frac{1}{2} =$
$\frac{1}{2} - \frac{1}{4} = \frac{}{4}.$	$\frac{2}{3} - \frac{1}{3} = \frac{}{3}.$	$\frac{3}{4} + \frac{1}{4} =$
$\frac{1}{2} + \frac{1}{4} = \frac{}{4}.$	$1 - \frac{1}{3} = \frac{}{3}.$	$\frac{3}{5} + \frac{2}{5} =$
$\frac{3}{4} - \frac{1}{2} = \frac{}{4}.$	$1 - \frac{2}{3} = \frac{}{3}.$	$\frac{1}{5} + \frac{4}{5} =$
$\frac{3}{4} - \frac{1}{4} = \frac{}{2}.$	$\frac{1}{5} + \frac{1}{5} = \frac{}{5}.$	$\frac{1}{3} + \frac{2}{3} =$
$\frac{1}{4} + \frac{1}{2} = \frac{}{4}.$	$\frac{2}{5} - \frac{1}{5} = \frac{}{5}.$	$\frac{1}{6} + \frac{5}{6} =$
$1 - \frac{1}{4} = \frac{}{4}.$	$\frac{2}{5} + \frac{1}{5} = \frac{}{5}.$	$\frac{2}{6} + \frac{4}{6} =$
$1 - \frac{3}{4} = \frac{}{4}.$	$\frac{3}{5} - \frac{1}{5} = \frac{}{5}.$	$\frac{3}{6} + \frac{3}{6} =$
$1 - \frac{1}{2} = \frac{}{2}.$	$\frac{2}{5} + \frac{2}{5} = \frac{}{5}.$	$\frac{4}{8} + \frac{4}{8} =$
$1 - \frac{1}{2} = \frac{}{4}.$	$\frac{4}{5} - \frac{2}{5} = \frac{}{5}.$	$\frac{6}{8} + \frac{2}{8} =$

Lesson 105.

Copy and complete :   (348)

$\frac{2}{3} + \frac{2}{8} = \frac{}{2}.$ $\frac{1}{8} + \frac{1}{8} = \frac{}{4}.$ $\frac{1}{2} = \frac{}{4}.$

$\frac{1}{2} - \frac{2}{8} = \frac{}{8}.$ $\frac{1}{4} - \frac{1}{8} = \frac{}{8}.$ $\frac{1}{2} = \frac{}{8}.$

$\frac{1}{2} + \frac{2}{8} = \frac{}{8}.$ $\frac{1}{4} + \frac{3}{8} = \frac{}{8}.$ $\frac{1}{4} = \frac{}{8}.$

$\frac{1}{2} + \frac{1}{8} = \frac{}{8}.$ $\frac{5}{8} - \frac{1}{4} = \frac{}{8}.$ $\frac{4}{8} = \frac{}{2}.$

$\frac{1}{2} - \frac{1}{8} = \frac{}{8}.$ $\frac{6}{8} - \frac{1}{4} = \frac{}{2}.$ $\frac{2}{4} = \frac{}{2}.$

$\frac{1}{2} + \frac{3}{8} = \frac{}{8}.$ $\frac{7}{8} - \frac{1}{4} = \frac{}{8}.$ $\frac{2}{8} = \frac{}{4}.$

$\frac{1}{2} - \frac{3}{8} = \frac{}{8}.$ $\frac{1}{4} + \frac{1}{8} = \frac{}{8}.$ $\frac{1}{2} + \frac{2}{4} =$

$\frac{5}{8} - \frac{1}{2} = \frac{}{8}.$ $\frac{1}{2} + \frac{1}{8} = \frac{}{8}.$ $\frac{1}{2} + \frac{4}{8} =$

$\frac{6}{8} - \frac{1}{2} = \frac{}{8}.$ $\frac{3}{8} - \frac{1}{4} = \frac{}{8}.$ $\frac{1}{2} - \frac{2}{4} =$

$\frac{7}{8} - \frac{1}{2} = \frac{}{8}.$ $\frac{1}{4} + \frac{5}{8} = \frac{}{8}.$ $\frac{1}{2} - \frac{4}{8} =$

Lesson 106.

Copy and complete :   (349, 350)

$7 \times 4 =$	$28 \div \quad = 4.$	$9 + 7 =$
$28 \div 4 =$	$28 \div \quad 7.$	$8 + 6 =$
$4 \times 7 =$	$28 \div \quad = 2.$	$7 + 5 =$
$28 \div 7 =$	$28 \div \quad = 14.$	$8 + 5 =$
$21 + 7 =$	$28 - \quad = 18.$	$9 + 6 =$
$14 + 14 =$	$28 - \quad = 24.$	$9 + 8 =$
$24 + 4 =$	$28 - \quad = 21.$	$9 + 5 =$
$20 + 8 =$	$28 - \quad = 20.$	$8 + 7 =$
$18 + 10 =$	$28 - \quad = 10.$	$7 + 6 =$
$\frac{1}{4}$ of $28 =$	$28 - \quad = 14.$	$4 + 7 =$

Lesson 107.

Copy and complete :

$2 \times 4 + = 9.$	$12 = 2 \times 5 + $	$15 - 7 = $
$2 \times 4 + = 10.$	$13 = 3 \times 4 + $	$15 - 9 = $
$2 \times 4 + = 11.$	$13 = 2 \times 6 + $	$15 - 6 = $
$3 \times 4 + = 13.$	$13 = 6 \times 2 + $	$15 - 8 = $
$3 \times 4 + = 14.$	$14 = 3 \times 4 + $	$16 - 7 = $
$3 \times 4 + = 15.$	$17 = 3 \times 5 + $	$16 - 9 = $
$3 \times 5 + = 16.$	$17 = 4 \times 4 + $	$16 - 8 = $
$4 \times 5 + = 21.$	$19 = 3 \times 6 + $	$17 - 9 = $
$4 \times 5 + = 23.$	$21 = 3 \times 6 + $	$17 - 8 = $
$4 \times 5 + = 24.$	$24 = 2 \times 11 + $	$18 - 7 = $

Lesson 108.

Copy and complete :

10	30	30	40	10	60
20	40	10	20	40	10
30	20	20	10	20	20
10	10	30	30	10	10

12	22	32	42	52	62
-5	-5	-5	-5	-5	-5

17	27	37	47	57	67
-9	-9	-9	-9	-9	-9

15	25	35	45	55	65
-8	-8	-8	-8	-8	-8

Lesson 109.

Copy and find the sums :

0	0	7	6	5	4	3	3
9	8	7	6	5	4	3	3
9	8	7	6	5	4	3	9
9	8	0	6	5	4	3	3

7	6	7	6	6	6	6	6
6	5	8	5	7	4	7	6
7	7	7	7	7	7	7	7
1	2	3	4	5	6	7	8

3	4	2	3	4	7	5	7
5	3	9	5	3	3	6	3
7	6	7	7	7	5	7	6
6	9	6	8	8	7	3	4

Lesson 110.

Copy and complete : (353, 354)

$30 \div 10 =$	$5 \times 6 =$	$\frac{1}{3}$ of $30 =$
$30 \div 3 =$	$3 \times 10 =$	$\frac{1}{6}$ of $30 =$
$30 \div 5 =$	$6 \times 5 =$	$\frac{1}{5}$ of $30 =$
$30 \div 6 =$	$10 \times 3 =$	$\frac{1}{5}$ of $25 =$
$30 \div 2 =$	$15 \times 2 =$	$\frac{1}{5}$ of $20 =$
$30 \div 15 =$	$2 \times 15 =$	$\frac{1}{5}$ of $15 =$
$30 - 15 =$	$15 + 15 =$	$\frac{1}{5}$ of $10 =$
$30 - 10 =$	$20 + 10 =$	$\frac{1}{5}$ of $50 =$
$30 - 6 =$	$25 + 5 =$	$\frac{1}{6}$ of $24 =$
$30 - 5 =$	$24 + 6 =$	$\frac{1}{6}$ of $18 =$

Lesson 111.

Copy and complete :

$30 = 4 \times 7 +$	$30 = 25 +$	$3 \times 4 =$
$30 = 3 \times 9 +$	$30 = 24 +$	$4 \times 4 =$
$30 = 2 \times 11 +$	$30 = 27 +$	$5 \times 4 =$
$30 = 2 \times 12 +$	$30 = 20 +$	$6 \times 4 =$
$30 = 3 \times 8 +$	$30 = 15 +$	$7 \times 4 =$
$30 = 7 \times 4 +$	$30 = 10 +$	$3 \times 5 =$
$30 = 2 \times 13 +$	$30 = 6 +$	$4 \times 5 =$
$30 = 2 \times 14 +$	$30 = 5 +$	$5 \times 5 =$
$30 = 3 \times 10 +$	$30 = 3 +$	$6 \times 5 =$
$30 = 2 \times 15 +$	$30 = 2 +$	$3 \times 6 =$

Lesson 112.

Copy and complete :　　　　　　　　　　(356)

$\frac{1}{2} = \frac{}{8}.$	$\frac{1}{2} + \frac{1}{8} = \frac{}{8}.$	$\frac{1}{2} + \frac{4}{8} =$
$\frac{1}{2} = \frac{}{4}.$	$\frac{1}{2} + \frac{1}{4} = \frac{}{4}.$	$\frac{1}{2} + \frac{2}{4} =$
$\frac{1}{2} = \frac{}{6}.$	$\frac{1}{2} + \frac{1}{6} = \frac{}{6}.$	$\frac{1}{2} + \frac{3}{6} =$
$\frac{1}{4} = \frac{}{8}.$	$\frac{1}{4} + \frac{1}{8} = \frac{}{8}.$	$\frac{1}{4} + \frac{6}{8} =$
$\frac{1}{3} = \frac{}{6}.$	$\frac{1}{3} + \frac{1}{6} = \frac{}{6}.$	$\frac{1}{4} + \frac{3}{4} =$
$\frac{4}{8} = \frac{}{2}.$	$\frac{1}{2} - \frac{1}{8} = \frac{}{8}.$	$\frac{1}{3} + \frac{4}{6} =$
$\frac{3}{6} = \frac{}{2}.$	$\frac{1}{2} - \frac{1}{4} = \frac{}{4}.$	$\frac{1}{3} + \frac{2}{3} =$
$\frac{2}{4} = \frac{}{2}.$	$\frac{1}{2} - \frac{1}{6} = \frac{}{6}.$	$\frac{3}{6} + \frac{3}{6} =$
$\frac{2}{6} = \frac{}{3}.$	$\frac{1}{4} - \frac{1}{8} = \frac{}{8}.$	$\frac{4}{8} + \frac{4}{8} =$
$\frac{2}{8} = \frac{}{4}.$	$\frac{1}{3} - \frac{1}{6} = \frac{}{6}.$	$\frac{2}{4} + \frac{2}{4} =$

Lesson 113.

Add by couples of numbers : (359)

3	5	2	6	4	2	2	6
4	2	5	3	6	6	1	4
5	6	4	8	4	2	7	3
4	1	5	2	3	3	3	7
6	2	6	4	2	3	5	2
2	7	4	3	4	5	2	8
5	3	2	7	2	4	1	5
2	5	8	3	5	5	6	1
4	6	5	6	4	6	4	4
3	2	4	4	2	3	3	2
9	4	5	8	1	7	5	3
5	4	3	2	3	2	2	3

Lesson 114.

Express with the sign, $: (360)

Three dollars.	Eighty-six dollars.
Seven dollars.	Thirty-five dollars.
Five dollars.	Ninety-nine dollars.
Eight dollars.	Seventy-nine dollars.
Twenty dollars.	Fifty-eight dollars.
Sixty dollars.	Sixty-seven dollars.
Twenty-five dollars.	Forty-nine dollars.
Forty-seven dollars.	Two hundred dollars.
Ninety-three dollars.	Six hundred dollars.
One hundred dollars.	Four hundred dollars.

Lesson 115.

Express with figures :

Three dollars and twenty-one cents.
Twenty-seven dollars and a half.
Twelve dollars and seventy-seven cents.
Eight dollars and twenty-five cents.
Seventeen dollars and a quarter.
Thirty-seven dollars and ten cents.
Forty-five dollars and one cent.
Fifty-five dollars and fifty cents.
Sixty-eight dollars and five cents.
Ninety-nine dollars and nine cents.

Lesson 116.

Copy and complete :

$3 \times 6 =$	$18 \div 6 =$	$\frac{1}{3}$ of $18 =$
$3 \times 7 =$	$21 \div 7 =$	$\frac{1}{6}$ of $18 =$
$3 \times 8 =$	$24 \div 8 =$	$\frac{1}{3}$ of $21 =$
$3 \times 9 =$	$27 \div 9 =$	$\frac{1}{7}$ of $21 =$
$4 \times 5 =$	$20 \div 5 =$	$\frac{1}{4}$ of $24 =$
$4 \times 6 =$	$24 \div 6 =$	$\frac{1}{6}$ of $24 =$
$4 \times 7 =$	$28 \div 7 =$	$\frac{1}{8}$ of $24 =$
$5 \times 5 =$	$25 \div 5 =$	$\frac{1}{3}$ of $24 =$
$5 \times 6 =$	$30 \div 6 =$	$\frac{1}{5}$ of $30 =$
$6 \times 4 =$	$30 \div 5 =$	$\frac{1}{6}$ of $30 =$

Lesson 117.

Copy and divide :   (362)

4)16	6)18	7)14	5)30
4)28	6)24	3)27	12)24
7)21	5)20	11)22	9)18
7)28	2)22	6)30	8)24
4)24	5)25	8)16	3)24
4)20	5)15	9)27	3)21
5)20	6)30	10)50	4)28

Lesson 118.

Divide and find the remainders :

4)7	4)9	4)11	4)13
3)8	3)10	3)13	3)16
5)7	5)9	5)12	5)14
6)8	6)10	6)14	6)16
2)7	2)9	7)11	7)13
7)15	7)17	7)24	7)30
8)10	8)14	8)18	8)28

Lesson 119.

Add the *ones* first in each case :   (363, 364)

32	63	33	25	31	60
21	13	22	30	40	29
23	12	11	10	18	10
12	11	13	23	10	20

47	36	64	73	27	70
20	12	31	60	60	60
12	40	21	15	71	33
10	11	50	20	20	25

35	62	43	61	71	27
60	30	32	24	35	60
42	74	50	53	42	50
71	22	22	30	51	40

Lesson 120.

Copy and complete : •

$30 = 20 +$	$25 = 20 +$	$21 = 14 +$
$30 = 25 +$	$25 = 15 +$	$21 = 7 \times$
$30 = 15 +$	$24 = 20 +$	$21 = 3 \times$
$30 = 24 +$	$24 = 18 +$	$22 = 2 \times$
$28 = 20 +$	$24 = 16 +$	$24 = 8 \times$
$28 = 18 +$	$24 = 12 +$	$24 = 3 \times$
$28 = 24 +$	$24 = 14 +$	$24 = 6 \times$
$28 = 21 +$	$24 = 21 +$	$24 = 4 \times$
$28 = 14 +$	$22 = 11 +$	$28 = 7 \times$
$26 = 13 +$	$21 = 18 +$	$36 = 6 \times$

Lesson 121.

Subtract the *ones* first in each case : (365)

67	78	89	97	88	96
− 34	− 25	− 53	− 35	− 26	− 52

79	87	99	86	77	69
− 35	− 52	− 55	− 64	− 34	− 46

199	167	188	176	195	189
− 33	− 42	− 66	− 44	− 54	− 56

195	183	171	162	192	181
− 150	− 130	− 150	− 150	− 170	− 130

333	356	387	397	365	378
− 222	− 124	− 152	− 155	− 140	− 43

Lesson 122.

Copy and find the answers :

$1.04	$4.23	$32.21	$43.02
$4.11	$2.01	$43.66	$34.25
$2.10	$5.30	$21.20	$42.01
$5.42	$7.25	$60.01	$30.40

$2.03	$6.54	$25.27	$75.25
$3.45	$7.21	$60.01	$34.30
$7.21	$3.10	$40.30	$70.02

$8.54	$9.87	$87.96	$78.78
− 3.32	− 5.54	− 35.30	− 36.00

$9.78	$7.99	$89.68	$79.99
− 4.03	− 2.70	− 47.35	− 50.07

Lesson 123.

Copy and complete:

$17 = 10 +$	$24 = 2 \times 10 +$	$40 = 10 \times$
$13 = 10 +$	$25 = 2 \times 10 +$	$50 = 10 \times$
$15 = 10 +$	$29 = 2 \times 10 +$	$30 = 10 \times$
$19 = 10 +$	$28 = 2 \times 10 +$	$60 = 10 \times$
$14 = 10 +$	$36 = 3 \times 10 +$	$70 = 10 \times$
$16 = 10 +$	$34 = 3 \times 10 +$	$90 = 10 \times$
$18 = 10 +$	$33 = 3 \times 10 +$	$80 = 10 \times$
$12 = 10 +$	$40 = 4 \times 10 +$	$20 = 10 \times$
$11 = 10 +$	$47 = 4 \times 10 +$	$100 = 10 \times$
$20 = 10 +$	$55 = 5 \times 10 +$	$10 = 10 \times$

Lesson 124.

Copy and multiply: (366)

24	23	21	32	42	53
2	3	5	4	4	3
22	21	32	73	82	41
4	6	2	3	3	5
41	50	53	62	72	43
6	6	3	4	4	3
42	42	52	51	51	41
3	4	4	5	6	7
33	22	44	22	34	50
3	2	2	3	2	6

Lesson 125.

Copy and complete : (367)

$8 \times 4 =$	$32 = 8 \times$	$4 \times\ \ = 32.$
$32 \div 4 =$	$32 = 4 \times$	$2 \times\ \ = 32.$
$4 \times 8 =$	$32 = 16 \times$	$8 \times\ \ = 32.$
$32 \div 8 =$	$32 = 2 \times$	$16 \times\ \ = 32.$
$32 \div 2 =$	$32 = 24 +$	$28 +\ \ = 32.$
$32 \div 16 =$	$32 = 28 +$	$24 +\ \ = 32.$
$32 - 16 =$	$32 = 16 +$	$22 +\ \ = 32.$
$32 - 8 =$	$32 = 22 +$	$20 +\ \ = 32.$
$32 - 10 =$	$32 = 20 +$	$16 +\ \ = 32.$
$32 - 4 =$	$32 = 30 +$	$2 +\ \ = 32.$

Lesson 126.

Complete and learn to repeat :

4 gills = 2 pints =

2 pints = 8 quarts =

4 quarts =

12 inches =

24 hours = 3 feet =

7 days =

4 weeks = 12 things =

12 months = 20 things =

16 ounces = 24 sheets =

Lesson 127.

Copy and complete : (365)

$7 \times 5 =$	$35 = 7 \times$	$\frac{1}{5}$ of $35 =$
$35 \div 5 =$	$35 = 5 \times$	$\frac{1}{7}$ of $35 =$
$5 \times 7 =$	$35 = 30 +$	$\frac{1}{4}$ of $32 =$
$35 \div 7 =$	$35 = 28 +$	$\frac{1}{8}$ of $32 =$
$35 - 7 =$	$35 = 20 +$	$\frac{1}{5}$ of $30 =$
$35 - 5 =$	$35 = 25 +$	$\frac{1}{6}$ of $30 =$
$35 - 10 =$	$35 = 7 +$	$\frac{1}{7}$ of $28 =$
$35 - 28 =$	$35 = 5 +$	$\frac{1}{4}$ of $28 =$
$35 - 20 =$	$35 = 15 +$	$\frac{1}{5}$ of $25 =$
$35 - 15 =$	$35 = 10 +$	$\frac{1}{7}$ of $21 =$

Lesson 128.

Copy and complete :

$1 \times 7 =$	$2 \times 9 =$	$4 \times 5 =$
$2 \times 7 =$	$3 \times 9 =$	$5 \times 5 =$
$3 \times 7 =$	$1 \times 6 =$	$6 \times 5 =$
$4 \times 7 =$	$2 \times 6 =$	$7 \times 5 =$
$5 \times 7 =$	$3 \times 6 =$	$5 \times 4 =$
$1 \times 8 =$	$4 \times 6 =$	$6 \times 4 =$
$2 \times 8 =$	$5 \times 6 =$	$7 \times 4 =$
$3 \times 8 =$	$1 \times 5 =$	$8 \times 4 =$
$4 \times 8 =$	$2 \times 5 =$	$9 \times 3 =$
$1 \times 9 =$	$3 \times 5 =$	$7 \times 3 =$

Lesson 129.

Copy and complete :

(371)

$12 \times 3 =$	$18 \times 2 =$	$36 = 2 \times$
$36 \div 3 =$	$36 \div 2 =$	$36 = 3 \times$
$9 \times 4 =$	$2 \times 18 =$	$36 = 4 \times$
$36 \div 4 =$	$36 \div 18 =$	$36 = 6 \times$
$6 \times 6 =$	$36 - 18 =$	$36 = 9 \times$
$36 \div 6 =$	$36 - 12 =$	$36 = 12 \times$
$3 \times 12 =$	$36 - 9 =$	$36 = 18 \times$
$36 \div 12 =$	$36 - 6 =$	$36 = 20 +$
$4 \times 9 =$	$36 - 4 =$	$36 = 18 +$
$36 \div 9 =$	$36 - 3 =$	$36 = 26 +$

Lesson 130.

Copy and complete :

$1 \times 3 =$	$11 \times 3 =$	$27 \div 3 =$
$2 \times 3 =$	$12 \times 3 =$	$30 \div 3 =$
$3 \times 3 =$	$3 \div 3 =$	$33 \div 3 =$
$4 \times 3 =$	$6 \div 3 =$	$36 \div 3 =$
$5 \times 3 =$	$9 \div 3 =$	$6 \div 6 =$
$6 \times 3 =$	$12 \div 3 =$	$12 \div 6 =$
$7 \times 3 =$	$15 \div 3 =$	$18 \div 6 =$
$8 \times 3 =$	$18 \div 3 =$	$24 \div 6 =$
$9 \times 3 =$	$21 \div 3 =$	$30 \div 6 =$
$10 \times 3 =$	$24 \div 3 =$	$36 \div 6 =$

Lesson 131.

Copy and complete :

$35 = 7 \times$	$30 = 5 \times$	$28 = 2 \times$
$35 = 7 +$	$30 = 5 +$	$28 = 14 +$
$35 = 5 \times$	$30 = 6 \times$	$27 = 3 \times$
$35 = 28 +$	$30 = 6 +$	$27 = 3 +$
$33 = 3 \times$	$30 = 2 \times$	$27 = 9 \times$
$33 = 11 \times$	$30 = 15 +$	$27 = 9 +$
$32 = 8 \times$	$28 = 7 \times$	$24 = 3 \times$
$32 = 2 \times$	$28 = 7 +$	$24 = 4 \times$
$32 = 4 \times$	$28 = 4 \times$	$24 = 6 \times$
$32 = 16 +$	$28 = 4 +$	$24 = 8 \times$

Lesson 132.

Copy and complete :

$\frac{1}{2}$ of $36 =$	$\frac{1}{2}$ of $16 =$	$\frac{1}{3}$ of $30 =$
$\frac{1}{2}$ of $34 =$	$\frac{1}{2}$ of $14 =$	$\frac{1}{3}$ of $27 =$
$\frac{1}{2}$ of $32 =$	$\frac{1}{2}$ of $12 =$	$\frac{1}{3}$ of $24 =$
$\frac{1}{2}$ of $30 =$	$\frac{1}{2}$ of $10 =$	$\frac{1}{3}$ of $21 =$
$\frac{1}{2}$ of $28 =$	$\frac{1}{2}$ of $8 =$	$\frac{1}{3}$ of $18 =$
$\frac{1}{2}$ of $26 =$	$\frac{1}{2}$ of $6 =$	$\frac{1}{3}$ of $15 =$
$\frac{1}{2}$ of $24 =$	$\frac{1}{2}$ of $4 =$	$\frac{1}{3}$ of $12 =$
$\frac{1}{2}$ of $22 =$	$\frac{1}{2}$ of $2 =$	$\frac{1}{3}$ of $9 =$
$\frac{1}{2}$ of $20 =$	$\frac{1}{3}$ of $36 =$	$\frac{1}{3}$ of $6 =$
$\frac{1}{2}$ of $18 =$	$\frac{1}{3}$ of $33 =$	$\frac{1}{3}$ of $3 =$

Lesson 133.

Copy and complete :

$\frac{1}{4}$ of $36 =$	$\frac{1}{5}$ of $35 =$	$\frac{1}{6}$ of $18 =$
$\frac{1}{4}$ of $32 =$	$\frac{1}{5}$ of $30 =$	$\frac{1}{6}$ of $12 =$
$\frac{1}{4}$ of $28 =$	$\frac{1}{5}$ of $25 =$	$\frac{1}{6}$ of $6 =$
$\frac{1}{4}$ of $24 =$	$\frac{1}{5}$ of $20 =$	$\frac{1}{7}$ of $35 =$
$\frac{1}{4}$ of $20 =$	$\frac{1}{5}$ of $15 =$	$\frac{1}{7}$ of $28 =$
$\frac{1}{4}$ of $16 =$	$\frac{1}{5}$ of $10 =$	$\frac{1}{7}$ of $21 =$
$\frac{1}{4}$ of $12 =$	$\frac{1}{5}$ of $5 =$	$\frac{1}{7}$ of $7 =$
$\frac{1}{4}$ of $8 =$	$\frac{1}{6}$ of $36 =$	$\frac{1}{8}$ of $32 =$
$\frac{1}{4}$ of $4 =$	$\frac{1}{6}$ of $30 =$	$\frac{1}{8}$ of $24 =$
$\frac{1}{4}$ of $1 =$	$\frac{1}{6}$ of $24 =$	$\frac{1}{8}$ of $16 =$

Lesson 134.

Copy and find the answers :

$ 70.13	$ 85.46	$ 20.03	$ 55.55
31.02	30.20	64.12	22.22
41.30	44.13	32.20	70.11
83.23	50.20	40.31	21.00
22.30	50.00	71.02	50.11

$ 67.87	$ 79.86	$ 98.76	$ 76.98
− 34.53	− 24.32	− 62.53	− 14.34

$ 95.64	$ 78.90	$ 63.34	$ 70.00
− 24.51	− 72.90	− 20.00	− 30.00

$ 51.01	$ 61.10	$ 80.10	$ 41.11
× 7	× 6	× 4	× 9

Lesson 135.

Copy and complete :

$5 \times 8 =$	$36 + \quad = 40.$	$40 = 5 \times$
$40 \div 8 =$	$32 + \quad = 40.$	$40 = 8 \times$
$8 \times 5 =$	$35 + \quad = 40.$	$40 = 10 \times$
$40 \div 5 =$	$20 + \quad = 40.$	$40 = 4 \times$
$2 \times 20 =$	$10 + \quad = 40.$	$40 = 2 \times$
$40 \div 2 =$	$5 + \quad = 48.$	$40 = 20 \times$
$20 + 20 =$	$8 + \quad = 40.$	$40 = 32 +$
$4 \times 10 =$	$4 + \quad = 40.$	$40 = 36 +$
$40 \div 4 =$	$5 \times \quad = 40.$	$40 = 20 +$
$30 + 10 =$	$8 \times \quad = 40.$	$40 = 35 +$

Lesson 136.

Copy and complete :

$\frac{1}{2}$ of $40 =$	$20 = \frac{1}{2}$ of	$2 = \frac{1}{4}$ of
$\frac{1}{4}$ of $40 =$	$19 = \frac{1}{2}$ of	$3 = \frac{1}{4}$ of
$\frac{1}{5}$ of $40 =$	$18 = \frac{1}{2}$ of	$4 = \frac{1}{4}$ of
$\frac{1}{8}$ of $40 =$	$17 = \frac{1}{2}$ of	$5 = \frac{1}{4}$ of
$\frac{1}{2}$ of $38 =$	$16 = \frac{1}{2}$ of	$6 = \frac{1}{4}$ of
$\frac{1}{2}$ of $36 =$	$15 = \frac{1}{2}$ of	$7 = \frac{1}{4}$ of
$\frac{1}{4}$ of $36 =$	$14 = \frac{1}{2}$ of	$8 = \frac{1}{4}$ of
$\frac{1}{3}$ of $36 =$	$13 = \frac{1}{2}$ of	$9 = \frac{1}{4}$ of
$\frac{1}{6}$ of $36 =$	$12 = \frac{1}{2}$ of	$10 = \frac{1}{4}$ of
$\frac{1}{9}$ of $36 =$	$11 = \frac{1}{2}$ of	$6 = \frac{1}{6}$ of

Lesson 137.

Copy and complete : (375)

$3 \times 6 =$	$42 = 40 +$	$44 = 4 \times$
$4 \times 6 =$	$42 = 36 +$	$40 = 4 \times$
$5 \times 6 =$	$42 = 35 +$	$36 = 4 \times$
$6 \times 6 =$	$42 = 30 +$	$32 = 4 \times$
$7 \times 6 =$	$42 = 21 +$	$28 = 4 \times$
$3 \times 7 =$	$42 = 2 \times$	$24 = 4 \times$
$4 \times 7 =$	$42 = 6 \times$	$20 = 4 \times$
$5 \times 7 =$	$42 = 7 \times$	$16 = 4 \times$
$6 \times 7 =$	$42 = 21 \times$	$12 = 4 \times$
$7 \times 6 =$	$42 = 3 \times$	$8 = 4 \times$

Lesson 138.

Copy and complete : (375)

$5 \times 5 =$	$2 \times 9 =$	$45 \div 9 =$
$6 \times 5 =$	$3 \times 9 =$	$45 \div 5 =$
$7 \times 5 =$	$4 \times 9 =$	$40 \div 5 =$
$8 \times 5 =$	$5 \times 9 =$	$35 \div 5 =$
$9 \times 5 =$	$3 \times 9 =$	$30 \div 5 =$
$5 \times 9 =$	$5 \times 9 =$	$45 \div 5 =$
$9 \times 5 =$	$9 \times 5 =$	$45 \div 9 =$
$5 \times 9 =$	$6 \times 5 =$	$36 \div 9 =$
$9 \times 5 =$	$8 \times 5 =$	$27 \div 9 =$
$5 \times 9 =$	$7 \times 5 =$	$42 \div 7 =$

Lesson 139.

Copy and complete : <div style="float:right">(376)</div>

$2 \times \frac{1}{4} = \frac{}{4}.$	$4 \times \frac{1}{6} = \frac{}{6}.$	$2 \times \frac{1}{7} = \frac{}{7}.$
$3 \times \frac{1}{4} = \frac{}{4}.$	$5 \times \frac{1}{6} = \frac{}{6}.$	$3 \times \frac{1}{7} = \frac{}{7}.$
$2 \times \frac{1}{8} = \frac{}{8}.$	$2 \times \frac{2}{6} = \frac{}{6}.$	$4 \times \frac{1}{7} = \frac{}{7}.$
$3 \times \frac{1}{8} = \frac{}{8}.$	$2 \times \frac{2}{8} = \frac{}{8}.$	$5 \times \frac{1}{7} = \frac{}{7}.$
$5 \times \frac{1}{8} = \frac{}{8}.$	$2 \times \frac{3}{8} = \frac{}{8}.$	$6 \times \frac{1}{7} = \frac{}{7}.$
$6 \times \frac{1}{8} = \frac{}{8}.$	$2 \times \frac{1}{5} = \frac{}{5}.$	$2 \times \frac{3}{7} = \frac{}{7}.$
$7 \times \frac{1}{8} = \frac{}{8}.$	$3 \times \frac{1}{5} = \frac{}{5}.$	$2 \times \frac{2}{9} = \frac{}{9}.$
$2 \times \frac{1}{3} = \frac{}{3}.$	$4 \times \frac{1}{5} = \frac{}{5}.$	$3 \times \frac{2}{9} = \frac{}{9}.$
$2 \times \frac{1}{6} = \frac{}{6}.$	$2 \times \frac{2}{5} = \frac{}{5}.$	$4 \times \frac{2}{9} = \frac{}{9}.$
$3 \times \frac{1}{6} = \frac{}{6}.$	$3 \times \frac{2}{7} = \frac{}{7}.$	$2 \times \frac{4}{9} = \frac{}{9}.$

Lesson 140.

Copy and complete :

$1 = \frac{}{4}.$	$\frac{1}{2} = \frac{}{4}.$	$\frac{1}{3} = \frac{}{6}.$	$\frac{1}{6} = \frac{}{12}.$
$1 = \frac{}{2}.$	$\frac{1}{2} = \frac{}{6}.$	$\frac{1}{3} = \frac{}{9}.$	$\frac{1}{6} = \frac{}{18}.$
$1 = \frac{}{3}.$	$\frac{1}{2} = \frac{}{8}.$	$\frac{1}{3} = \frac{}{12}.$	$\frac{1}{6} = \frac{}{24}.$
$1 = \frac{}{5}.$	$\frac{1}{2} = \frac{}{10}.$	$\frac{1}{3} = \frac{}{15}.$	$\frac{1}{7} = \frac{}{14}.$
$1 = \frac{}{6}.$	$\frac{1}{2} = \frac{}{12}.$	$\frac{1}{4} = \frac{}{8}.$	$\frac{1}{7} = \frac{}{21}.$
$1 = \frac{}{7}.$	$\frac{1}{2} = \frac{}{14}.$	$\frac{1}{4} = \frac{}{12}.$	$\frac{1}{8} = \frac{}{16}.$
$1 = \frac{}{8}.$	$\frac{1}{2} = \frac{}{16}.$	$\frac{1}{4} = \frac{}{16}.$	$\frac{1}{8} = \frac{}{24}.$
$1 = \frac{}{9}.$	$\frac{1}{2} = \frac{}{18}.$	$\frac{1}{4} = \frac{}{20}.$	$\frac{1}{9} = \frac{}{18}.$
$1 = \frac{}{10}.$	$\frac{1}{2} = \frac{}{20}.$	$\frac{1}{5} = \frac{}{10}.$	$\frac{1}{10} = \frac{}{20}.$
$1 = \frac{}{12}.$	$\frac{1}{2} = \frac{}{24}.$	$\frac{1}{5} = \frac{}{20}.$	$\frac{1}{12} = \frac{}{24}.$

Lesson 141.

Copy and complete :   (376)

$10 \times 4 =$	$4 \times 8 =$	$48 = 40 +$
$11 \times 4 =$	$5 \times 8 =$	$48 = 38 +$
$12 \times 4 =$	$6 \times 8 =$	$48 = 44 +$
$9 \times 4 =$	$3 \times 8 =$	$48 = 42 +$
$12 \times 4 =$	$6 \times 8 =$	$48 = 24 +$
$6 \times 6 =$	$2 \times 12 =$	$48 = 2 \times$
$7 \times 6 =$	$3 \times 12 =$	$48 = 4 \times$
$8 \times 6 =$	$4 \times 12 =$	$48 = 6 \times$
$5 \times 6 =$	$3 \times 12 =$	$48 = 8 \times$
$8 \times 6 =$	$4 \times 12 =$	$48 = 12 \times$

Lesson 142.

Copy and complete :

$48 \div 4 =$	$42 \div 7 =$	$\frac{1}{4}$ of $48 =$
$48 \div 2 =$	$42 \div 6 =$	$\frac{1}{8}$ of $48 =$
$48 \div 6 =$	$42 \div 2 =$	$\frac{1}{6}$ of $48 =$
$48 \div 8 =$	$42 \div 21 =$	$\frac{1}{3}$ of $48 =$
$48 \div 12 =$	$42 \div 3 =$	$\frac{1}{12}$ of $48 =$
$48 \div 24 =$	$42 \div 14 =$	$\frac{1}{16}$ of $48 =$
$48 \div 3 =$	$40 \div 8 =$	$\frac{1}{2}$ of $48 =$
$48 \div 16 =$	$40 \div 5 =$	$\frac{1}{5}$ of $45 =$
$45 \div 9 =$	$40 \div 2 =$	$\frac{1}{9}$ of $45 =$
$45 \div 5 =$	$40 \div 20 =$	$\frac{1}{6}$ of $42 =$

Lesson 143.

Complete; learn the table of fours:

$1 \times 4 =$	$11 \times 4 =$	$36 \div 4 =$
$2 \times 4 =$	$12 \times 4 =$	$40 \div 4 =$
$3 \times 4 =$	$4 \div 4 =$	$44 \div 4 =$
$4 \times 4 =$	$8 \div 4 =$	$48 \div 4 =$
$5 \times 4 =$	$12 \div 4 =$	$48 \div 6 =$
$6 \times 4 =$	$16 \div 4 =$	$48 \div 8 =$
$7 \times 4 =$	$20 \div 4 =$	$48 \div 12 =$
$8 \times 4 =$	$24 \div 4 =$	$48 \div 3 =$
$9 \times 4 =$	$28 \div 4 =$	$48 \div 16 =$
$10 \times 4 =$	$32 \div 4 =$	$48 \div 2 =$

Lesson 144.

Copy and complete: (377)

$4 \times 7 =$	$49 \div 7 =$	$\frac{1}{7}$ of $49 =$
$5 \times 7 =$	$48 \div 6 =$	$\frac{1}{7}$ of $28 =$
$6 \times 7 =$	$49 \div 7 =$	$\frac{1}{7}$ of $49 =$
$7 \times 7 =$	$48 \div 8 =$	$\frac{1}{7}$ of $42 =$
$4 \times 7 =$	$40 \div 8 =$	$\frac{1}{7}$ of $35 =$
$7 \times 7 =$	$32 \div 8 =$	$\frac{1}{7}$ of $28 =$
$6 \times 7 =$	$24 \div 8 =$	$\frac{1}{7}$ of $21 =$
$5 \times 7 =$	$45 \div 9 =$	$\frac{1}{8}$ of $48 =$
$4 \times 7 =$	$42 \div 7 =$	$\frac{1}{8}$ of $40 =$
$3 \times 7 =$	$35 \div 7 =$	$\frac{1}{8}$ of $32 =$

Lesson 145.

Do the work within the parentheses first :

$(25-4)-(30-10)=$ $(22+11)\div 3=$

$(3\times 3)-(1+3+5)=$ $(30+10)\div 2=$

$(2\times 13)+(2\times 10)=$ $(10+4)\div 2=$

$(2\times 9)+(2\times 6)=$ $(15\times 10)\times 2=$

$(25+30)-(8\times 6)=$ $(100-20)\div 4=$

$(3\times 200)-(6\times 100)=$ $(10-7)\times 13=$

$(12\times 4)-(2\times 4)=$ $(4\times 25)\div 10=$

$(4\times 3)-(2+1+1)=$ $(15\div 3)\times 2=$

$(\tfrac{1}{2}\,\text{of}\,100-2)\div 6=$ $(21\div 3)\times 2=$

$(\tfrac{1}{2}\,\text{of}\,50-5)\div 4=$ $(48\div 8)\times 7=$

Lesson 146.

Do the work within the parentheses first :

$(42\div 7)\times 5=$ $16+(2\times 16)=$

$(30\div 3)\times 2=$ $15+(2\times 15)=$

$(4\div 2)\times 3=$ $25+(3\times 25)=$

$(8\div 2)\times 3=$ $50\div(6+4)=$

$(16\div 2)\times 3=$ $10+(2\times 10)=$

$(2\times 16)\times\tfrac{1}{2}=$ $36-(2\times 3)=$

$(30-2)\div 4=$ $10-(5+2)=$

$(2\times 8)+11\tfrac{1}{2}=$ $12-5+8\tfrac{1}{2}=$

$2\times 2\times 2\times 2=$ $1+2+3$ etc. to $12=$

$32+(\tfrac{1}{2}\,\text{of}\,32)=$ $7+8+9$ etc. to $12=$

Lesson 147.

Copy and complete :

$5 = \frac{1}{2}$ of	$1 =$ of 4.	$= \frac{1}{2}$ of 4
$12 = \frac{1}{4}$ of	$3 =$ of 4.	$= \frac{1}{4}$ of 4.
$6 = \frac{1}{2}$ of	$2 =$ of 3.	$= \frac{1}{2}$ of 6.
$5 = \frac{1}{4}$ of	$1 =$ of 6.	$= \frac{1}{3}$ of 6.
$7 = \frac{1}{3}$ of	$2 =$ of 6.	$= \frac{1}{6}$ of 6.
$9 = \frac{1}{3}$ of	$3 =$ of 6.	$= \frac{1}{2}$ of 8.
$12 = \frac{1}{2}$ of	$4 =$ of 6.	$= \frac{1}{4}$ of 8.
$6 = \frac{1}{6}$ of	$1 =$ of 5.	$= \frac{1}{8}$ of 8.
$7 = \frac{1}{6}$ of	$2 =$ of 5.	$= \frac{1}{5}$ of 10.
$6 = \frac{1}{8}$ of	$3 =$ of 5.	$= \frac{1}{2}$ of 10.

Lesson 148.

Copy and complete :

$3 \times \frac{1}{4} =$	$\frac{1}{2} + \frac{1}{4} = \frac{}{4}.$	$2 = \frac{}{4}.$
$6 \times \frac{2}{4} =$	$\frac{1}{2} + \frac{1}{6} = \frac{}{6}.$	$3 = \frac{}{4}.$
$5 \times \frac{2}{5} =$	$\frac{1}{2} + \frac{1}{8} = \frac{}{8}.$	$5 = \frac{}{4}.$
$4 \times \frac{3}{4} =$	$\frac{1}{2} + \frac{1}{10} = \frac{}{10}.$	$3 = \frac{}{2}.$
$3 \times \frac{2}{3} =$	$\frac{1}{2} + \frac{1}{12} = \frac{}{12}.$	$5 = \frac{}{2}.$
$4 \times \frac{2}{8} =$	$\frac{1}{3} + \frac{1}{6} = \frac{}{6}.$	$7 = \frac{}{2}.$
$4 \times \frac{6}{8} =$	$\frac{1}{3} + \frac{1}{9} = \frac{}{9}.$	$4 = \frac{}{3}.$
$5 \times \frac{6}{10} =$	$\frac{1}{3} + \frac{1}{12} = \frac{}{12}.$	$5 = \frac{}{3}.$
$6 \times \frac{6}{12} =$	$\frac{1}{4} + \frac{1}{8} = \frac{}{8}.$	$7 = \frac{}{3}.$
$7 \times \frac{2}{14} =$	$\frac{1}{4} + \frac{1}{12} = \frac{}{12}.$	$8 = \frac{}{3}.$

Lesson 149.

Copy and add : (384)

24	37	26	37	45	53
14	23	35	42	54	25
32	12	21	53	34	16
16	17	25	34	26	73
36	43	38	56	29	35
57	72	27	45	38	26
65	29	16	34	47	17
39	19	25	28	33	25
26	37	54	63	55	72
34	43	45	36	77	35
75	26	72	85	66	63
27	62	27	58	33	76

Lesson 150.

Find the products :

43	64	20	21	30	31
3	2	7	9	7	9
21	73	82	91	81	70
8	3	4	5	5	6
41	40	61	72	51	40
9	8	6	4	8	9
50	91	71	61	41	92
9	5	6	7	9	4
61	80	21	40	72	82
8	6	7	7	4	3

Lesson 151.

Copy and divide :

6)48	7)42	8)40	6)36
8)48	6)42	5)40	4)36
2)48	2)42	2)40	3)36
12)48	3)42	20)40	2)36
4)48	14)42	4)40	12)36
3)48	9)45	10)40	18)36
16)48	5)45	9)36	16)32

Lesson 152.

Find the remainders :   (385)

42	73	84	94	43	31
− 24	− 46	− 36	− 27	− 19	− 18

43	55	35	36	34	47
− 29	− 19	− 18	− 17	− 18	− 28

48	47	54	53	52	51
− 19	− 29	− 17	− 16	− 13	− 34

56	57	62	63	64	65
− 37	− 39	− 44	− 37	− 29	− 18

66	67	68	71	72	73
− 48	− 39	− 29	− 19	− 18	− 27

Lesson 153.

Copy and complete :

$8 + 4 =$	$7 + 8 =$	$11 - 4 =$
$7 + 3 =$	$7 + 5 =$	$11 - 8 =$
$6 + 4 =$	$8 + 7 =$	$11 - 3 =$
$8 + 5 =$	$9 + 4 =$	$11 - 7 =$
$9 + 6 =$	$7 + 6 =$	$11 - 2 =$
$6 + 5 =$	$8 + 9 =$	$11 - 9 =$
$7 + 4 =$	$9 + 5 =$	$11 - 6 =$
$8 + 6 =$	$9 + 8 =$	$15 - 5 =$
$9 + 7 =$	$9 + 3 =$	$12 - 3 =$
$6 + 7 =$	$6 + 8 =$	$12 - 7 =$

Lesson 154.

Copy and complete :

$12 - 9 =$	$14 - 6 =$	$17 - 9 =$
$12 - 4 =$	$14 - 9 =$	$18 - 9 =$
$12 - 5 =$	$14 - 8 =$	$13 - 9 =$
$12 - 8 =$	$14 - 5 =$	$16 - 9 =$
$13 - 6 =$	$15 - 6 =$	$14 - 9 =$
$13 - 9 =$	$15 - 8 =$	$17 - 9 =$
$13 - 7 =$	$15 - 9 =$	$12 - 9 =$
$13 - 8 =$	$15 - 7 =$	$15 - 9 =$
$13 - 5 =$	$16 - 7 =$	$17 - 8 =$
$13 - 4 =$	$16 - 9 =$	$16 - 7 =$

Lesson 155.

Copy and multiply :   (386)

64	75	86	97	59	58
4	4	4	4	4	4

67	76	88	95	84	77
5	5	5	5	5	5

83	74	65	82	72	63
6	6	6	6	7	7

54	45	62	53	44	35
7	7	8	8	8	8

52	43	34	25	15	14
9	9	9	9	9	9

Lesson 156.

Copy and complete :   (387)

$6 \times 6 =$	$3 \times 9 =$	$54 \div 9 =$
$7 \times 6 =$	$4 \times 9 =$	$54 \div 6 =$
$8 \times 6 =$	$5 \times 9 =$	$54 - 9 =$
$9 \times 6 =$	$6 \times 9 =$	$54 - 6 =$
$9 \times 6 =$	$6 \times 9 =$	$54 - 27 =$
$9 \times 6 =$	$6 \times 9 =$	$45 + 9 =$
$9 \times 5 =$	$6 \times 8 =$	$48 + 6 =$
$8 \times 5 =$	$5 \times 8 =$	$27 + 27 =$
$7 \times 5 =$	$4 \times 8 =$	$54 \div 9 =$
$6 \times 5 =$	$3 \times 8 =$	$54 \div 6 =$

Lesson 157.

Add by couples of numbers :

27	23	31	97	37	87
34	65	13	79	27	87
63	32	42	86	28	87
55	43	24	68	58	87
38	54	53	75	53	87
63	65	35	57	63	87

65	94	25	42	71	73
65	94	33	63	53	85
65	94	47	72	48	96
65	94	62	17	22	14
65	94	85	93	65	76
65	94	33	85	84	37

Lesson 158.

Copy and complete : (387)

$5 \times 7 =$	$5 \times 8 =$	$56 \div 7 =$
$6 \times 7 =$	$6 \times 8 =$	$56 \div 8 =$
$7 \times 7 =$	$7 \times 8 =$	$56 - 8 =$
$8 \times 7 =$	$7 \times 8 =$	$56 - 7 =$
$8 \times 7 =$	$7 \times 8 =$	$56 - 6 =$
$8 \times 7 =$	$8 \times 7 =$	$28 + 28 =$
$8 \times 6 =$	$8 \times 4 =$	$48 + 8 =$
$7 \times 6 =$	$7 \times 4 =$	$49 + 7 =$
$6 \times 6 =$	$9 \times 4 =$	$56 \div 2 =$
$5 \times 6 =$	$7 \times 5 =$	$56 - 50 =$

Lesson 159.

Copy and complete :

$\frac{1}{10}$ of $50 =$	$\frac{1}{2}$ of $56 =$	$\frac{1}{6}$ of $48 =$
$\frac{1}{5}$ of $50 =$	$\frac{1}{28}$ of $56 =$	$\frac{1}{3}$ of $48 =$
$\frac{1}{2}$ of $50 =$	$\frac{1}{5}$ of $55 =$	$\frac{1}{4}$ of $48 =$
$\frac{1}{25}$ of $50 =$	$\frac{1}{11}$ of $55 =$	$\frac{1}{8}$ of $48 =$
$\frac{1}{6}$ of $54 =$	$\frac{1}{11}$ of $22 =$	$\frac{1}{2}$ of $48 =$
$\frac{1}{9}$ of $54 =$	$\frac{1}{11}$ of $33 =$	$\frac{1}{12}$ of $48 =$
$\frac{1}{2}$ of $54 =$	$\frac{1}{11}$ of $44 =$	$\frac{1}{24}$ of $48 =$
$\frac{1}{27}$ of $54 =$	$\frac{1}{11}$ of $66 =$	$\frac{1}{9}$ of $45 =$
$\frac{1}{7}$ of $56 =$	$\frac{1}{11}$ of $77 =$	$\frac{1}{5}$ of $45 =$
$\frac{1}{8}$ of $56 =$	$\frac{1}{11}$ of $88 =$	$\frac{1}{7}$ of $42 =$

Lesson 160.

Copy and complete :   (387)

$10 \times 5 =$	$60 \div 5 =$	$60 = 50 +$
$11 \times 5 =$	$60 \div 12 =$	$60 = 54 +$
$12 \times 5 =$	$60 \div 10 =$	$60 = 48 +$
$12 \times 5 =$	$60 \div 6 =$	$60 = 55 +$
$12 \times 5 =$	$60 \div 2 =$	$60 = 40 +$
$3 \times 12 =$	$60 \div 3 =$	$60 = 45 +$
$4 \times 12 =$	$60 \div 4 =$	$60 = 30 +$
$5 \times 12 =$	$60 \div 15 =$	$60 = 12 \times$
$5 \times 12 =$	$60 \div 20 =$	$60 = 2 \times$
$5 \times 12 =$	$60 \div 30 =$	$60 = 5 \times$

Lesson 161.

Copy and complete :

$5 \times 6 + \quad = 33.$	$45 = 5 \times 8 +$
$3 \times 10 + \quad = 38.$	$50 = 5 \times 9 +$
$4 \times 8 + \quad = 36.$	$54 = 6 \times 8 +$
$2 \times 16 + \quad = 38.$	$48 = 4 \times 11 +$
$7 \times 5 + \quad = 40.$	$60 = 6 \times 9 +$
$2 \times 17 + \quad = 44.$	$60 = 7 \times 8 +$
$9 \times 4 + \quad = 42.$	$58 = 8 \times 7 +$
$6 \times 6 + \quad = 45.$	$55 = 9 \times 6 +$
$3 \times 12 + \quad = 39.$	$59 = 11 \times 5 +$
$4 \times 12 + \quad = 60.$	$60 = 4 \times 12 +$

Lesson 162.

Copy and divide :

7)42	6)42	9)45	5)45
6)48	8)48	4)48	12)48
7)49	10)50	11)55	5)55
9)54	6)54	7)56	8)56
4)44	11)44	6)42	7)42
4)40	8)40	10)40	5)40
3)36	6)36	9)36	12)36

Lesson 163.

Copy and learn the table of fives :

$1 \times 5 =$	$11 \times 5 =$	$45 \div 5 =$
$2 \times 5 =$	$12 \times 5 =$	$50 \div 5 =$
$3 \times 5 =$	$5 \div 5 =$	$55 \div 11 =$
$4 \times 5 =$	$10 \div 5 =$	$60 \div 5 =$
$5 \times 5 =$	$15 \div 5 =$	$50 \div 2 =$
$6 \times 5 =$	$20 \div 5 =$	$50 \div 25 =$
$7 \times 5 =$	$25 \div 5 =$	$75 \div 25 =$
$8 \times 5 =$	$30 \div 5 =$	$100 \div 25 =$
$9 \times 5 =$	$35 \div 5 =$	$2 \times 25 =$
$10 \times 5 =$	$40 \div 5 =$	$3 \times 25 =$

Lesson 164.

Copy and complete :   (390–393)

60 seconds =	1 month =
60 minutes =	1 year =
24 hours =	$\frac{1}{2}$ minute =
7 days =	$\frac{1}{4}$ minute =
4 weeks, 2 days =	$\frac{1}{2}$ hour =
12 months =	$\frac{1}{4}$ hour =
1 minute =	$\frac{1}{2}$ day =
1 hour =	$\frac{1}{2}$ year =
1 day =	$\frac{1}{3}$ year =
1 week =	$\frac{1}{4}$ year =

Lesson 165.

Copy and complete :   (394)

$6 \times 7 =$	$4 \times 9 =$	$63 = 60 +$
$7 \times 7 =$	$5 \times 9 =$	$63 = 56 +$
$8 \times 7 =$	$6 \times 9 =$	$63 = 54 +$
$9 \times 7 =$	$7 \times 9 =$	$63 = 53 +$
$9 \times 7 =$	$7 \times 9 =$	$63 = 50 +$
$9 \times 7 =$	$7 \times 9 =$	$63 = 9 \times$
$9 \times 6 =$	$7 \times 8 =$	$63 = 7 \times$
$9 \times 5 =$	$7 \times 7 =$	$63 = 3 \times$
$9 \times 4 =$	$7 \times 6 =$	$63 = 21 \times$
$9 \times 3 =$	$7 \times 5 =$	$63 = 9 \times$

Lesson 166.

Copy and subtract :

30	50	70	80	60	100
$- 19$	$- 26$	$- 24$	$- 44$	$- 39$	$- 84$
70	90	60	80	70	100
$- 48$	$- 43$	$- 46$	$- 37$	$- 27$	$- 67$
50	40	60	70	50	100
$- 29$	$- 21$	$- 25$	$- 56$	$- 36$	$- 18$
40	90	80	80	40	100
$- 15$	$- 52$	$- 55$	$- 53$	$- 14$	$- 83$
70	30	90	50	80	100
$- 24$	$- 16$	$- 48$	$- 39$	$- 54$	$- 66$

Lesson 167.

Copy and learn to repeat :

TABLE OF LIQUID MEASURE.	TABLE OF TIME MEASURE.
4 gills = 1 pint.	60 seconds = 1 minute.
2 pints = 1 quart.	60 minutes = 1 hour.
4 quarts = 1 gallon.	24 hours = 1 day.
	7 days = 1 week.
	4 weeks, 2 days = 1 month.
TABLE OF DRY MEASURE.	12 months = 1 year.
2 pints = 1 quart.	52 weeks = 1 year.
8 quarts = 1 peck.	365 days = 1 year.
4 pecks = 1 bushel.	100 years = 1 century.

Lesson 168.

Copy and complete :   (394)

$4 \times 8 =$	$64 \div 8 =$	$64 = 6 \times 10 +$
$5 \times 8 =$	$64 \div 2 =$	$63 = 6 \times 10 +$
$6 \times 8 =$	$64 - 8 =$	$60 = 6 \times 9 +$
$7 \times 8 =$	$64 - 32 =$	$56 = 6 \times 9 +$
$8 \times 8 =$	$64 - 56 =$	$54 = 6 \times 8 +$
$8 \times 8 =$	$2 \times 32 =$	$50 = 6 \times 8 +$
$8 \times 8 =$	$56 + 8 =$	$48 = 6 \times 7 +$
$8 \times 7 =$	$50 + 14 =$	$45 = 6 \times 7 +$
$8 \times 6 =$	$64 \div 4 =$	$44 = 6 \times 7 +$
$8 \times 5 =$	$64 \div 16 =$	$40 = 8 \times 4 +$

Lesson 169.

Copy and complete :

24 =	× 4.	55 =	× 5.	35 =	× 7.
48 =	× 4.	40 =	× 5.	63 =	× 7.
28 =	× 4.	50 =	× 5.	42 =	× 7.
44 =	× 4.	45 =	× 5.	56 =	× 7.
32 =	× 4.	30 =	× 6.	49 =	× 7.
40 =	× 4.	60 =	× 6.	40 =	× 8.
36 =	× 4.	36 =	× 6.	56 =	× 8.
30 =	× 5.	54 =	× 6.	48 =	× 8.
60 =	× 5.	42 =	× 6.	64 =	× 8.
35 =	× 5.	48 =	× 6.	63 =	× 9.

Lesson 170.

Copy and complete :

20 =	× 2.	22 =	× 2.	38 =	× 2.
30 =	× 2.	32 =	× 2.	48 =	× 2.
40 =	× 2.	42 =	× 2.	64 =	× 2.
50 =	× 2.	24 =	× 2.	66 =	× 2.
60 =	× 2.	34 =	× 2.	68 =	× 2.
70 =	× 2.	44 =	× 2.	82 =	× 2.
80 =	× 2.	26 =	× 2.	84 =	× 2.
90 =	× 2.	36 =	× 2.	86 =	× 2.
100 =	× 2.	46 =	× 2.	88 =	× 2.
200 =	× 2.	28 =	× 2.	88 =	× 4.

Lesson 171.

Copy and multiply :

| 39 | 48 | 57 | 66 | 75 | 84 |
| 5 | 6 | 7 | 8 | 9 | 6 |

| 29 | 57 | 66 | 55 | 70 | 90 |
| 5 | 6 | 7 | 8 | 9 | 6 |

| 38 | 69 | 28 | 24 | 80 | 60 |
| 5 | 6 | 8 | 9 | 8 | 9 |

| 47 | 48 | 37 | 33 | 70 | 90 |
| 5 | 7 | 8 | 9 | 8 | 7 |

| 56 | 39 | 46 | 56 | 80 | 60 |
| 5 | 7 | 8 | 9 | 7 | 8 |

Lesson 172.

Copy and complete :   (398)

THE SQUARE OF

$2 = 2 \times$ $2^2 =$ $9 =$ the square of

$3 = 3 \times$ $3^2 =$ $4 =$ the square of

$4 = 4 \times$ $4^2 =$ $16 =$ the square of

$5 = 5 \times$ $5^2 =$ $36 =$ the square of

$6 = 6 \times$ $6^2 =$ $25 =$ the square of

$7 = 7 \times$ $7^2 =$ $49 =$ the square of

$8 = 8 \times$ $8^2 =$ $64 =$ the square of

$9 = 9 \times$ $1^2 =$ $1 =$ the square of

$1 = 1 \times$ $10^2 =$ $100 =$ the square of

$10 = 10 \times$ $8^2 =$ $64 =$ the square of

Lesson 173.

Copy and find the remainders :

23	91	30	85	64	84
− 15	− 66	− 17	− 67	− 38	− 59

34	72	41	96	53	93
− 15	− 46	− 27	− 77	− 28	− 69

61	63	52	87	42	75
− 25	− 36	− 37	− 58	− 18	− 39

72	54	63	96	71	66
− 35	− 16	− 47	− 78	− 38	− 29

80	45	74	75	62	47
− 56	− 26	− 57	− 48	− 49	− 19

Lesson 174.

Write the word " odd " after each odd number, and the word " even " after each even number :

4 is   5 is   15 is   36 is   44 is   142 is

6 is   9 is   12 is   19 is   27 is   123 is

Add together these pairs of *odd* numbers, and notice whether the result is odd or even :

9	9	3	7	9	7	13	23
7	5	7	7	9	5	17	65

Add together these pairs of *even* numbers, and notice whether the result is odd or even :

8	6	8	8	2	6	18	56
4	8	8	2	4	4	26	34

Lesson 175.

Add together an odd and an even number, and notice whether the answer is odd or even :

7	9	5	7	9	5	7	7
8	6	8	4	10	12	14	28

Subtract an even number from an even number, and notice the answer :

16	24	18	14	12	32
− 6	− 8	− 6	− 8	− 4	− 6

Subtract an odd number from an odd number, and notice the result :

11	13	15	17	19	27
− 7	− 9	− 7	− 5	− 7	− 9

Lesson 176.

Subtract when one number is odd and the other even, and notice the answer :

15	16	17	18	19	13
− 8	− 9	− 6	− 7	− 10	− 8

Multiply an even number by an even number, and notice the result :

6	8	4	10	12	14	12
4	6	8	2	2	2	3

Multiply an odd number by an odd number, and notice the result :

7	7	3	11	5	9	13
5	7	9	3	5	5	3

Lesson 177.

Copy and complete :   (400)

$7 \times 6 =$	$4 \times 12 =$	$7 \times 9 =$
$8 \times 6 =$	$5 \times 12 =$	$8 \times 9 =$
$9 \times 6 =$	$6 \times 12 =$	$8 \times 8 =$
$10 \times 6 =$	$3 \times 12 =$	$9 \times 8 =$
$11 \times 6 =$	$6 \times 12 =$	$7 \times 8 =$
$12 \times 6 =$	$6 \times 11 =$	$9 \times 8 =$
$12 \times 3 =$	$6 \times 10 =$	$9 \times 7 =$
$12 \times 6 =$	$6 \times 9 =$	$9 \times 6 =$
$12 \times 5 =$	$7 \times 9 =$	$9 \times 5 =$
$12 \times 4 =$	$8 \times 9 =$	$9 \times 4 =$

Lesson 178.

Copy and complete :

$72 = 12 \times$	$72 \div 9 =$	$\frac{1}{6}$ of $72 =$
$72 = 6 \times$	$72 \div 8 =$	$\frac{1}{8}$ of $72 =$
$72 = 8 \times$	$72 \div 6 =$	$\frac{1}{9}$ of $72 =$
$72 = 9 \times$	$72 \div 12 =$	$\frac{1}{12}$ of $72 =$
$72 = 70 +$	$72 - 9 =$	$\frac{1}{8}$ of $64 =$
$72 = 66 +$	$72 - 6 =$	$\frac{1}{9}$ of $63 =$
$72 = 64 +$	$72 - 8 =$	$\frac{1}{7}$ of $63 =$
$72 = 63 +$	$72 - 12 =$	$\frac{1}{8}$ of $56 =$
$72 = 62 +$	$72 - 10 =$	$\frac{1}{7}$ of $56 =$
$72 = 60 +$	$72 - 20 =$	$\frac{1}{6}$ of $54 =$

Lesson 179.

Add by couples of numbers :

27	37	26	53	35	47
36	26	37	64	43	34
53	25	48	35	34	26
64	14	50	76	62	45
72	25	33	57	36	63
83	63	44	37	25	38
95	75	55	63	76	42
66	31	66	75	28	39
74	84	56	42	29	83
85	39	65	35	38	92
64	37	34	54	47	38
25	25	43	23	56	29
22	47	72	67	65	15
11	24	27	76	74	51

Lesson 180.

Copy and complete :   (400)

$5 \times 9 =$	$81 = 9 \times$	$81 = 8 \times 9 +$
$6 \times 9 =$	$72 = 9 \times$	$80 = 9 \times 8 +$
$7 \times 9 =$	$63 = 9 \times$	$75 = 2 \times 25 +$
$8 \times 9 =$	$54 = 9 \times$	$72 = 5 \times 12 +$
$9 \times 9 =$	$45 = 9 \times$	$72 = 8 \times 8 +$
$4 \times 9 =$	$36 = 9 \times$	$72 = 7 \times 9 +$
$9 \times 9 =$	$27 = 9 \times$	$72 = 11 \times 6 +$
$9 \times 8 =$	$18 = 9 \times$	$64 = 8 \times 8 +$
$9 \times 7 =$	$9 = 9 \times$	$63 = 8 \times 7 +$
$9 \times 6 =$	$0 = 9 \times$	$60 = 9 \times 6 +$

Lesson 181.

Complete and learn the table of sixes :

$1 \times 6 =$	$11 \times 6 =$	$54 \div 6 =$
$2 \times 6 =$	$12 \times 6 =$	$60 \div 6 =$
$3 \times 6 =$	$6 \div 6 =$	$66 \div 6 =$
$4 \times 6 =$	$12 \div 6 =$	$72 \div 6 =$
$5 \times 6 =$	$18 \div 6 =$	$72 \div 12 =$
$6 \times 6 =$	$24 \div 6 =$	$72 \div 8 =$
$7 \times 6 =$	$30 \div 6 =$	$72 \div 9 =$
$8 \times 6 =$	$36 \div 6 =$	$81 \div 9 =$
$9 \times 6 =$	$42 \div 6 =$	$64 \div 8 =$
$10 \times 6 =$	$48 \div 6 =$	$63 \div 7 =$

Lesson 182.

• Copy and find the answers :

$50.16	$75.28	$73.09	$82.08
61.07	60.08	72.19	71.17
92.38	91.08	61.19	92.06
84.61	42.18	83.29	60.19

$97.69	$78.96	$68.99	$78.95
-43.36	-43.32	-56.72	-35.82

$31.06	$41.05	$71.18	$91.13
$\times 3$	$\times 4$	$\times 5$	$\times 6$

$80.14	$71.16	$60.05	$51.06
$\times 7$	$\times 6$	$\times 9$	$\times 8$

Lesson 183.

Copy and subtract:

31	31	31	31	31	31
− 16	− 19	− 14	− 18	− 15	− 17
42	42	42	42	42	42
− 16	− 19	− 14	− 18	− 15	− 17
53	53	53	53	53	53
− 16	− 19	− 14	− 18	− 15	− 17
64	64	64	64	64	64
− 16	− 19	− 14	− 18	− 15	− 17
75	75	75	75	75	75
− 16	− 19	− 14	− 18	− 15	− 17

Lesson 184.

Copy and complete:

2 pints =	24 sheets =
8 quarts =	20 quires =
4 pecks =	60 seconds =
12 inches =	60 minutes =
3 feet =	24 hours =
5½ yards =	7 days =
320 rods =	365 days =
12 things =	52 weeks =
20 things =	12 months =
16 ounces =	100 years =

Lesson 185.

Add and express the answers in bushels :

7 bu.	2 pks.	5 qts.
6 "	3 "	7 "
8 "	2 "	6 "
9 "	6 "	6 "

13 bu.	3 pks.	7 qts.
25 "	2 "	3 "
36 "	2 "	5 "
45 "	3 "	1 qt.

3 bu.	3 pks.	7 qts.
5 "	2 "	5 "
7 "	3 "	6 "
6 "	1 pk.	6 "

37 bu.	3 pks.	6 qts.
46 "	0 "	6 "
54 "	1 pk.	6 "
73 "	1 "	6 "

9 bu.	2 pks.	4 qts.
5 "	3 "	4 "
4 "	3 "	4 "
7 "	2 "	4 "

56 bu.	1 pk.	2 qts.
47 "	0 pks.	1 qt.
38 "	2 "	0 qts.
29 "	0 "	5 "

Lesson 186.

Copy and complete with figures : (407)

I =	I + V =	V − I =	IV =
V =	L + X =	X − I =	IX =
X =	X + V =	X − V =	XL =
L =	X + I =	L − I =	XC =
C =	L + V =	L + V =	II =
D =	C + X =	L − X =	VI =
M =	C + I =	C − X =	XI =
L =	C + V =	C − V =	XV =
C =	C + L =	C − L =	XX =
D =	C + D =	C − I =	LX =

Lesson 187.

Copy and complete with figures :

III =	IV + I =	XX + II =	XXX =
VII =	IX + V =	XX + IV =	XXV =
XII =	IV + V =	XX + VI =	LII =
XIV =	IV + X =	XX + IX =	LVI =
XVI =	IV + L =	XX + XI =	LXI =
XXI =	IV + C =	XX + XV =	LXV =
XXV =	IV + D =	XX + XC =	LXX =
XXX =	IX + X =	XX + XL =	CII =
LII =	IX + L =	XX + CX =	CVI =
LVI =	IX + C =	XX + LX =	CXI =

Lesson 188.

Complete in Roman Numerals :

1 =	40 =	13 =	17 =	49 =
5 =	90 =	14 –	18 =	44 =
10 =	2 =	15 =	19 =	56 =
50 =	3 =	6 =	21 =	58 =
100 =	20 =	7 =	23 =	60 =
500 =	30 =	8 =	24 =	70 =
1000 =	200 =	11 =	29 =	80 =
4 =	300 =	12 =	35 =	88 =
9 =	400 =	16 =	39 =	89 =
14 =	600 =	24 =	34 =	98 =

Lesson 189.

Complete in figures :

VIII =	XLII =	LXIX =	CVII =
XIII =	XLIV =	LXXI =	CXII =
XVII =	XLVI =	LXXV =	CXIV =
XXII =	XLIX =	LXXX =	CXVI =
XXIV =	LIII =	XCII =	CXIX =
XXVI =	LVII =	XCIV =	CXXI =
XXIX =	LXII =	XCVI =	CXXV =
XXXI =	LXIV =	XCIX =	CXXX =
XXXV =	LXVI =	CIII =	CCCC =
XLIX =	LXXX =	CXIX =	DCCC =

Lesson 190.

Copy and complete :   (411)

$7 \times 7 =$	$5 \times 12 =$	$84 = 7 \times$
$8 \times 7 =$	$6 \times 12 =$	$84 = 12 \times$
$9 \times 7 =$	$7 \times 12 =$	$84 = 80 +$
$10 \times 7 =$	$4 \times 12 =$	$84 = 77 +$
$11 \times 7 =$	$7 \times 12 =$	$84 = 72 +$
$12 \times 7 =$	$6 \times 12 =$	$84 = 42 +$
$12 \times 4 =$	$5 \times 12 =$	$84 = 2 \times$
$12 \times 7 =$	$4 \times 12 =$	$84 = 74 +$
$12 \times 6 =$	$3 \times 12 =$	$84 = 64 +$
$12 \times 5 =$	$2 \times 12 =$	$84 = 54 +$

Lesson 191.

Complete and learn the table of sevens :

$1 \times 7 =$	$11 \times 7 =$	$63 \div 7 =$
$2 \times 7 =$	$12 \times 7 =$	$70 \div 7 =$
$3 \times 7 =$	$7 \div 7 =$	$77 \div 7 =$
$4 \times 7 =$	$14 \div 7 =$	$84 \div 7 =$
$5 \times 7 =$	$21 \div 7 =$	$81 \div 9 =$
$6 \times 7 =$	$28 \div 7 =$	$72 \div 9 =$
$7 \times 7 =$	$35 \div 7 =$	$72 \div 8 =$
$8 \times 7 =$	$42 \div 7 =$	$72 \div 6 =$
$9 \times 7 =$	$49 \div 7 =$	$72 \div 4 =$
$10 \times 7 =$	$56 \div 7 =$	$72 \div 3 =$

Lesson 192.

Add and express the answers in yards :

16 yds. 1 ft. 9 in.	45 yds. 1 ft. 7 in.
25 " 2 " 11 "	67 " 1 " 9 "
17 " 1 " 8 "	58 " 2 " 6 "
73 " 2 " 8 "	76 " 0 " 2 "

27 yds. 2 ft. 11 in.	93 yds. 1 ft. 3 in.
36 " 2 " 9 "	84 " 2 " 3 "
45 " 0 " 10 "	75 " 2 " 3 "
54 " 2 " 6 "	66 " 0 " 3 "

39 yds. 2 ft. 4 in.	57 yds. 2 ft. 9 in.
48 " 1 " 7 "	48 " 2 " 9 "
57 " 0 " 11 "	39 " 0 " 9 "
45 " 1 " 2 "	25 " 2 " 9 "

Lesson 193.

Copy and complete :

$2^2 =$	$4 = 2 \times$	$25 =$ the square of	
$3^2 =$	$9 = 3 \times$	$49 =$ " " "	
$4^2 =$	$16 = 4 \times$	$36 =$ " " "	
$5^2 =$	$25 = 5 \times$	$16 =$ " " "	
$6^2 =$	$36 = 6 \times$	$64 =$ " " "	
$7^2 =$	$49 = 7 \times$	$81 =$ " " "	
$8^2 =$	$64 = 8 \times$	$100 =$ " " "	
$9^2 =$	$81 = 9 \times$	$4 =$ " " "	
$10^2 =$	$100 = 10 \times$	$1 =$ " " "	
$1^2 =$	$1 = 1 \times$	$9 =$ " " "	

Lesson 194.

Copy and complete :   (411)

$6 \times 8 =$	$5 \times 12 =$	$96 = 90 +$
$7 \times 8 =$	$6 \times 12 =$	$96 = 84 +$
$8 \times 8 =$	$7 \times 12 =$	$96 = 88 +$
$9 \times 8 =$	$8 \times 12 =$	$96 = 48 +$
$10 \times 8 =$	$8 \times 12 =$	$96 = 12 \times$
$11 \times 8 =$	$8 \times 12 =$	$96 = 8 \times$
$12 \times 8 =$	$8 \times 9 =$	$96 = 2 \times$
$12 \times 8 =$	$8 \times 8 =$	$96 = 3 \times$
$12 \times 8 =$	$8 \times 7 =$	$96 = 8 \times$
$12 \times 7 =$	$7 \times 7 =$	$96 = 12 \times$

Lesson 195.

Copy and complete :

$\frac{1}{2}$ of $20 =$	$\frac{1}{2}$ of $36 =$	$\frac{1}{2}$ of $70 =$
$\frac{1}{2}$ of $30 =$	$\frac{1}{2}$ of $50 =$	$\frac{1}{2}$ of $80 =$
$\frac{1}{2}$ of $22 =$	$\frac{1}{2}$ of $42 =$	$\frac{1}{2}$ of $90 =$
$\frac{1}{2}$ of $28 =$	$\frac{1}{2}$ of $48 =$	$\frac{1}{2}$ of $72 =$
$\frac{1}{2}$ of $24 =$	$\frac{1}{2}$ of $44 =$	$\frac{1}{2}$ of $82 =$
$\frac{1}{2}$ of $26 =$	$\frac{1}{2}$ of $46 =$	$\frac{1}{2}$ of $92 =$
$\frac{1}{2}$ of $40 =$	$\frac{1}{2}$ of $60 =$	$\frac{1}{2}$ of $74 =$
$\frac{1}{2}$ of $32 =$	$\frac{1}{2}$ of $52 =$	$\frac{1}{2}$ of $84 =$
$\frac{1}{2}$ of $38 =$	$\frac{1}{2}$ of $58 =$	$\frac{1}{2}$ of $94 =$
$\frac{1}{2}$ of $34 =$	$\frac{1}{2}$ of $54 =$	$\frac{1}{2}$ of $76 =$

Lesson 196.

Complete and learn the table of eights :

$1 \times 8 =$	$11 \times 8 =$	$72 \div 8 =$
$2 \times 8 =$	$12 \times 8 =$	$80 \div 8 =$
$3 \times 8 =$	$8 \div 8 =$	$88 \div 8 =$
$4 \times 8 =$	$16 \div 8 =$	$96 \div 8 =$
$5 \times 8 =$	$24 \div 8 =$	$96 \div 12 =$
$6 \times 8 =$	$32 \div 8 =$	$88 \div 11 =$
$7 \times 8 =$	$40 \div 8 =$	$84 \div 7 =$
$8 \times 8 =$	$48 \div 8 =$	$84 \div 12 =$
$9 \times 8 =$	$56 \div 8 =$	$81 \div 9 =$
$10 \times 8 =$	$64 \div 8 =$	$72 \div 6 =$

Lesson 197.

Copy and complete :

$\frac{1}{4}$ of $12 =$	$\frac{1}{8}$ of $24 =$	$\frac{1}{3}$ of $27 =$
$\frac{1}{4}$ of $48 =$	$\frac{1}{8}$ of $40 =$	$\frac{1}{6}$ of $24 =$
$\frac{1}{4}$ of $24 =$	$\frac{1}{8}$ of $64 =$	$\frac{1}{6}$ of $48 =$
$\frac{1}{4}$ of $36 =$	$\frac{1}{8}$ of $72 =$	$\frac{1}{6}$ of $42 =$
$\frac{1}{4}$ of $16 =$	$\frac{1}{8}$ of $56 =$	$\frac{1}{6}$ of $54 =$
$\frac{1}{4}$ of $20 =$	$\frac{1}{8}$ of $48 =$	$\frac{1}{6}$ of $36 =$
$\frac{1}{4}$ of $28 =$	$\frac{1}{8}$ of $88 =$	$\frac{1}{6}$ of $72 =$
$\frac{1}{4}$ of $32 =$	$\frac{1}{8}$ of $96 =$	$\frac{1}{6}$ of $66 =$
$\frac{1}{8}$ of $16 =$	$\frac{1}{3}$ of $36 =$	$\frac{1}{5}$ of $40 =$
$\frac{1}{8}$ of $32 =$	$\frac{1}{3}$ of $21 =$	$\frac{1}{5}$ of $60 =$

Lesson 198.

Copy and complete :

$\frac{1}{5}$ of $45 =$	$\frac{1}{9}$ of $18 =$	$\frac{1}{11}$ of $11 =$
$\frac{1}{5}$ of $35 =$	$\frac{1}{9}$ of $72 =$	$\frac{1}{11}$ of $22 =$
$\frac{1}{7}$ of $21 =$	$\frac{1}{9}$ of $27 =$	$\frac{1}{11}$ of $33 =$
$\frac{1}{7}$ of $35 =$	$\frac{1}{9}$ of $45 =$	$\frac{1}{11}$ of $44 =$
$\frac{1}{7}$ of $49 =$	$\frac{1}{9}$ of $63 =$	$\frac{1}{11}$ of $77 =$
$\frac{1}{7}$ of $63 =$	$\frac{1}{9}$ of $54 =$	$\frac{1}{11}$ of $99 =$
$\frac{1}{7}$ of $84 =$	$\frac{1}{9}$ of $36 =$	$\frac{1}{12}$ of $24 =$
$\frac{1}{7}$ of $28 =$	$\frac{1}{10}$ of $50 =$	$\frac{1}{12}$ of $48 =$
$\frac{1}{7}$ of $42 =$	$\frac{1}{10}$ of $70 =$	$\frac{1}{12}$ of $72 =$
$\frac{1}{7}$ of $56 =$	$\frac{1}{10}$ of $100 =$	$\frac{1}{12}$ of $96 =$

Lesson 199.

Copy and complete :

$100 = 10 \times$	$4 \times 25 =$	$25 + 25 =$
$100 = \ 4 \times$	$2 \times 50 =$	$50 + 25 =$
$100 = \ 2 \times$	$5 \times 20 =$	$75 - 25 =$
$100 = \ 5 \times$	$10 \times 10 =$	$50 - 25 =$
$100 = 20 \times$	$75 + 25 =$	$75 - 50 =$
$100 = 25 \times$	$50 + 50 =$	$20 + 20 =$
$100 = 50 \times$	$100 - 80 =$	$40 + 20 =$
$100 = 75 +$	$100 - 20 =$	$60 + 20 =$
$100 = 50 +$	$100 - 50 =$	$80 + 20 =$
$100 = 25 +$	$100 - 75 =$	$90 + 10 =$

Lesson 200.

Do the work within the parentheses first :

$(84 \div 7) + 8 =$	$(12 \times 8) - (10 \times 9) =$
$(\frac{1}{3} \text{ of } 6) \times 42 =$	$(7 \times 12) - (8 \times 10) =$
$(25 - 13) \div 2 =$	$(9 \times 9) - (12 \times 6) =$
$(120 - 20) \times 2 =$	$(9 \times 8) - (5 \times 12) =$
$(15 + 30) \div 9 =$	$(11 \times 6) - (9 \times 7) =$
$(5 + 3) \times 12 =$	$(8 \times 3) + (12 \times 2) =$
$(4 \times 24) \div 12 =$	$(9 \times 4) + (6 \times 6) =$
$(12 \times 6) \div 8 =$	$(4 \times 7) + (2 \times 14) =$
$(7 + 5) \times 5 =$	$(5 \times 6) + (15 \times 2) =$
$(4^2 + 8) \times 4 =$	$(5 \times 8) + (2 \times 20) =$

Lesson 201.

Copy and complete :

$1 = \frac{}{2}.$	$\frac{1}{2} = \frac{}{4}.$	$\frac{1}{4} = \frac{}{8}.$	$3 = \frac{}{2}.$
$1 = \frac{}{4}.$	$\frac{1}{2} = \frac{}{6}.$	$\frac{1}{4} = \frac{}{12}.$	$2 = \frac{}{6}.$
$1 = \frac{}{8}.$	$\frac{1}{2} = \frac{}{8}.$	$\frac{1}{4} = \frac{}{16}.$	$4 = \frac{}{3}.$
$1 = \frac{}{3}.$	$\frac{1}{2} = \frac{}{10}.$	$\frac{1}{5} = \frac{}{10}.$	$5 = \frac{}{2}.$
$1 = \frac{}{6}.$	$\frac{1}{2} = \frac{}{12}.$	$\frac{1}{6} = \frac{}{12}.$	$7 = \frac{}{2}.$
$1 = \frac{}{12}.$	$\frac{1}{2} = \frac{}{14}.$	$\frac{1}{7} = \frac{}{14}.$	$5 = \frac{}{3}.$
$1 = \frac{}{5}.$	$\frac{1}{2} = \frac{}{16}.$	$\frac{1}{8} = \frac{}{16}.$	$8 = \frac{}{3}.$
$1 = \frac{}{10}.$	$\frac{1}{3} = \frac{}{6}.$	$\frac{2}{8} = \frac{}{4}.$	$3 = \frac{}{6}.$
$1 = \frac{}{7}.$	$\frac{1}{3} = \frac{}{9}.$	$\frac{2}{6} = \frac{}{3}.$	$4 = \frac{}{6}.$
$1 = \frac{}{14}.$	$\frac{1}{3} = \frac{}{12}.$	$\frac{2}{10} = \frac{}{5}.$	$3 = \frac{}{7}.$

Lesson 202.

Copy and complete :

$\frac{2}{5} + \frac{1}{5} =$	$\frac{1}{2} + \frac{1}{4} = \frac{}{4}.$	$\frac{1}{5} + \frac{1}{10} = \frac{}{10}.$
$\frac{3}{5} + \frac{1}{5} =$	$\frac{1}{2} + \frac{1}{8} = \frac{}{8}.$	$\frac{1}{6} + \frac{1}{12} = \frac{}{12}.$
$\frac{4}{5} - \frac{1}{5} =$	$\frac{1}{2} + \frac{1}{6} = \frac{}{6}.$	$\frac{1}{4} + \frac{1}{16} = \frac{}{16}.$
$\frac{3}{5} - \frac{2}{5} =$	$\frac{1}{2} + \frac{1}{10} = \frac{}{10}.$	$\frac{1}{8} + \frac{1}{16} = \frac{}{16}.$
$\frac{2}{8} + \frac{1}{8} =$	$\frac{1}{2} + \frac{1}{12} = \frac{}{12}.$	$\frac{1}{8} - \frac{1}{16} = \frac{}{16}.$
$\frac{3}{8} - \frac{1}{8} =$	$\frac{1}{4} + \frac{1}{8} = \frac{}{8}.$	$\frac{1}{4} - \frac{1}{16} = \frac{}{16}.$
$\frac{4}{8} - \frac{2}{8} =$	$\frac{1}{4} + \frac{1}{12} = \frac{}{12}.$	$\frac{1}{6} - \frac{1}{12} = \frac{}{12}.$
$\frac{5}{8} - \frac{3}{8} =$	$\frac{1}{3} + \frac{1}{6} = \frac{}{6}.$	$\frac{1}{5} - \frac{1}{10} = \frac{}{10}.$
$\frac{2}{6} + \frac{2}{6} =$	$\frac{1}{3} + \frac{1}{9} = \frac{}{9}.$	$\frac{1}{3} - \frac{1}{12} = \frac{}{12}.$
$\frac{5}{6} - \frac{3}{6} =$	$\frac{1}{3} + \frac{1}{12} = \frac{}{12}.$	$\frac{1}{3} - \frac{1}{9} = \frac{}{9}.$

Lesson 203.

Add by couples of numbers :

215	108	113	107	137	105
107	133	119	118	106	114
126	116	108	103	105	106
108	205	114	116	109	103
102	107	117	104	114	108
105	104	105	117	106	102
114	109	106	105	107	117
103	112	116	119	108	123

123	145	143	104	304	64
24	13	17	305	208	105
107	108	307	24	16	8
17	8	6	6	19	109
208	309	204	18	7	307
406	207	309	209	408	203

Lesson 204.

Copy and find the remainders :

32	34	33	31	35	36
− 14	− 16	− 17	− 19	− 18	− 19

41	42	43	44	45	46
− 13	− 14	− 15	− 16	− 17	− 18

51	42	53	64	55	56
− 24	− 25	− 26	− 27	− 28	− 29

61	72	83	94	75	66
− 25	− 36	− 47	− 28	− 19	− 60

84	99	87	79	67	56
− 32	− 54	− 52	− 36	− 23	− 21

Lesson 205.

Copy and multiply :-

24	63	35	78	34	75
6	6	7	7	8	8

45	85	89	39	77	44
9	9	9	8	6	7

86	74	56	92	64	39
5	2	3	3	8	5

79	36	74	47	84	47
5	6	6	7	7	8

93	85	76	78	67	59
8	7	7	8	6	9

Lesson 206.

Copy and multiply :

97	49	49	99	33	89
9	8	6	8	9	6

87	68	34	75	47	88
2	3	4	4	5	5

45	86	54	98	59	67
6	6	7	7	8	9

85	88	88	69	78	65
9	9	4	7	6	7

78	69	57	85	94	89
6	7	9	8	7	9

Lesson 207.

Copy and multiply :

130	140	150	160	170
9	8	7	6	5

190	170	140	150	180
2	7	8	8	8

140	160	150	170	190
6	7	8	7	8

370	150	160	190	160
7	7	8	8	6

480	140	170	120	170
2	7	8	9	6

Lesson 208.

Copy and multiply :   (418)

23	24	25	35	36	29
11	12	13	14	15	16

26	36	42	54	36	29
17	18	19	11	12	13

56	59	43	37	55	49
14	15	16	17	18	19

57	56	35	63	47	55
11	12	13	14	15	16

27	36	45	56	65	78
17	18	19	11	12	13

Lesson 209.

Copy and multiply :

37	46	55	64	73	82
13	13	13	13	13	13

26	39	43	54	65	76
14	14	14	14	14	14

19	29	39	49	59	69
13	14	15	16	17	18

13	14	15	16	17	18
13	14	15	16	17	18

19	14	15	16	17	18
19	13	14	15	16	17

Lesson 210.

Add and express the answers in gallons :

GALS.	QTS.	PINTS	GILLS	GALS.	QTS.	PINTS	GILLS
67	3	1	3	77	2	1	2
48	3	0	3	63	3	1	2
35	4	1	3	37	2	1	2
48	3	1	3	56	2	1	2
76	3	1	3	37	0	1	3
47	2	0	2	46	3	1	2
73	3	1	1	65	3	1	2
85	2	0	2	88	3	1	1
84	1	1	1	75	2	0	3
79	2	0	3	65	1	1	0
58	3	0	1	39	3	0	1
65	0	1	3	27	1	0	0

Lesson 211.

Copy and complete :

$100 =$	$12 \times 8 +$	$80 = 12 \times 6 +$	$1^2 =$
$98 =$	$12 \times 8 +$	$80 = 8 \times 9 +$	$2^2 =$
$97 =$	$12 \times 8 +$	$80 = 6 \times 12 +$	$3^2 =$
$96 =$	$7 \times 12 +$	$72 = 7 \times 10 +$	$4^2 =$
$96 =$	$9 \times 10 +$	$70 = 8 \times 8 +$	$5^2 =$
$90 =$	$12 \times 7 +$	$66 = 9 \times 7 +$	$6^2 =$
$88 =$	$12 \times 7 +$	$63 = 7 \times 8 +$	$7^2 =$
$84 =$	$7 \times 11 +$	$60 = 7 \times 8 +$	$8^2 =$
$84 =$	$8 \times 10 +$	$60 = 8 \times 7 +$	$9^2 =$
$80 =$	$9 \times 8 +$	$60 = 6 \times 9 +$	$10^2 =$

Lesson 212.

Copy and find the products :

13	14	15	16	17	18
13	14	15	16	17	18
12	11	19	24	36	63
12	11	19	12	14	16
39	67	93	85	48	76
18	17	19	15	16	11
38	66	92	84	47	75
11	12	13	14	15	16
37	68	94	86	49	77
17	18	19	18	17	16

Lesson 213.

Add by double columns :

1312	1102	1525	930
1312	1106	1525	1060
1300	1120	1125	4010
3112	1110	1025	1025
12	1140	925	2550
1312	1120	1425	1025
12	1130	1625	1500

1020	1205	1090	708
2010	1209	1090	1416
1020	1212	1590	708
2010	1203	1590	708
1020	1203	1590	708
2010	1206	1590	1416
1020	1212	1590	708

Lesson 214.

Copy and multiply :

26	37	35	41	12	37
21	22	23	24	26	27

47	45	43	13	19	17
21	22	23	25	26	27

35	41	17	29	22	29
21	22	24	26	26	27

19	15	25	24	28	12
21	23	24	25	26	28

28	24	37	37	14	28
22	23	24	25	27	28

Lesson 215.

Copy and complete : (420)

$2 \times 10 = 10 \times$	$2 \times 10 =$	$\times\ 2.$	$20 \div 2 =$
$3 \times 10 = 10 \times$	$5 \times 10 =$	$\times\ 5.$	$30 \div 3 =$
$7 \times 10 = 10 \times$	$8 \times 10 =$	$\times\ 8.$	$40 \div 4 =$
$5 \times 10 = 10 \times$	$7 \times 10 =$	$\times\ 7.$	$50 \div 5 =$
$4 \times 10 = 10 \times$	$20 \div 2 =$	$\times\ 10.$	$60 \div 6 =$
$6 \times 10 = 10 \times$	$40 \div 2 =$	$\times\ 10.$	$70 \div 7 =$
$8 \times 10 = 10 \times$	$60 \div 2 =$	$\times\ 10.$	$80 \div 8 =$
$1 \times 10 = 10 \times$	$80 \div 2 =$	$\times\ 10.$	$90 \div 9 =$
$9 \times 10 = 10 \times$	$40 \div 4 =$	$\times\ 10.$	$40 \div 2 =$
$11 \times 10 = 10 \times$	$80 \div 4 =$	$\times\ 10.$	$60 \div 3 =$

Lesson 216.

Copy and divide :

$2)\overline{20}$	$4)\overline{80}$	$9)\overline{90}$	$4)\overline{120}$
$2)\overline{40}$	$5)\overline{50}$	$9)\overline{180}$	$4)\overline{160}$
$2)\overline{60}$	$5)\overline{100}$	$2)\overline{120}$	$5)\overline{150}$
$2)\overline{80}$	$6)\overline{60}$	$2)\overline{140}$	$6)\overline{180}$
$2)\overline{100}$	$6)\overline{120}$	$2)\overline{160}$	$6)\overline{240}$
$3)\overline{30}$	$7)\overline{70}$	$2)\overline{180}$	$2)\overline{200}$
$3)\overline{60}$	$7)\overline{140}$	$3)\overline{120}$	$3)\overline{210}$
$3)\overline{90}$	$8)\overline{80}$	$3)\overline{150}$	$3)\overline{240}$
$4)\overline{40}$	$8)\overline{160}$	$3)\overline{180}$	$3)\overline{270}$

Lesson 217.

Copy and divide : (422)

2)48	2)68	3)66	4)88
2)26	2)22	6)66	4)168
2)44	2)64	3)69	4)84
2)46	2)86	3)63	4)124
2)42	2)88	3)96	4)128
2)24	2)84	3)99	3)123
2)28	2)82	3)93	3)126
2)66	3)39	4)44	3)129
2)62	3)36	4)48	2)144

Lesson 218.

Copy and divide :

9)36	6)48	9)63	7)84	5)45
4)36	8)48	7)63	12)84	4)48
6)36	12)48	8)64	8)96	2)64
7)35	7)49	8)72	12)96	2)84
8)32	9)54	12)72	9)108	4)84
7)42	6)54	9)72	12)108	3)96
6)42	7)56	6)72	10)110	4)100
9)45	8)56	9)81	11)110	2)50

Lesson 219.

Copy and divide :

2)56	4)56	4)64	6)96	2)110
5)65	5)85	6)78	6)84	7)98
4)72	2)74	4)92	4)52	4)64
2)52	2)36	4)56	4)96	4)76
2)78	4)52	2)38	2)70	4)56
4)68	4)76	2)96	2)98	4)92
4)96	2)92	2)74	2)56	5)75
2)58	2)72	2)90	2)94	5)95

Lesson 220.

Divide and express the complete quotients :

4)21	3)22	5)21	6)31	6)49
4)23	3)23	5)22	5)32	6)55
4)26	3)25	5)23	4)33	6)61
4)29	3)26	5)24	8)34	6)67
4)30	3)28	5)26	9)36	6)73
4)33	3)29	5)27	6)25	7)36
4)35	3)31	5)28	6)37	7)43
4)37	3)32	5)29	6)43	7)50

Lesson 221.

Copy and divide :

2)136	3)132	4)172	6)198
2)112	3)174	4)252	6)318
2)154	3)204	4)332	6)282
2)196	3)255	4)132	6)216
2)130	3)231	4)216	6)348
2)170	3)135	4)380	6)252
2)190	3)207	4)344	6)564
2)172	3)297	4)152	6)204

Lesson 222.

Copy and subtract :

419 − 165	318 − 84	706 − 325	927 − 372	938 − 565
609 − 164	508 − 255	407 − 94	306 − 62	205 − 73
312 − 171	413 − 281	514 − 391	615 − 461	716 − 551
817 − 442	918 − 533	929 − 444	828 − 355	727 − 262
626 − 173	525 − 282	424 − 191	536 − 284	737 − 177

Lesson 223.

Copy and subtract :

350	643	864	966	942
− 175	− 165	− 375	− 277	− 457

420	724	746	872	625
− 286	− 368	− 287	− 395	− 586

750	862	855	721	992
− 195	− 285	− 377	− 492	− 867

630	775	965	622	917
− 264	− 296	− 276	− 384	− 348

653	470	632	953	755
− 579	− 428	− 193	− 287	− 568

Lesson 224.

Copy and multiply :

28	26	19	23	19	13
31	32	36	38	51	68

17	17	25	22	17	14
31	34	36	42	52	73

29	24	17	14	15	25
32	34	37	43	53	86

18	16	26	18	17	23
32	35	37	44	54	94

13	28	14	22	14	68
33	35	38	45	64	93

Lesson 225.

Copy and subtract :

403	607	906	802	807
− 75	− 38	− 47	− 75	− 58

605	901	907	803	808
− 78	− 35	− 59	− 82	− 69

702	902	908	804	701
− 84	− 29	− 59	− 37	− 74

906	903	902	805	702
− 86	− 28	− 64	− 26	− 85

804	904	801	806	703
− 67	− 46	− 63	− 48	− 84

Lesson 226.

Copy and divide :

7)584	8)369	9)829	8)285
7)645	8)433	9)199	8)657
7)610	8)497	9)298	8)369
7)659	8)577	9)397	7)582
7)505	8)697	9)478	6)595
7)694	8)745	9)577	5)341
7)582	8)601	9)694	4)151
7)449	8)737	9)775	3)265

Lesson 227.

Copy and divide :

4)360	6)540	8)640	9)360
4)320	7)350	8)720	9)540
6)480	7)490	8)400	9)720
5)450	7)630	8)560	5)300
5)400	7)420	9)270	3)270
5)350	7)560	9)450	4)240
6)360	8)320	9)630	12)720
6)420	8)480	9)810	11)880

Lesson 228.

Copy and divide :

2)208	2)802	2)404	3)618
2)402	2)806	7)707	4)424
3)306	3)309	8)808	7)756
2)408	3)609	9)909	5)535
2)204	3)903	3)612	3)913
3)603	3)906	4)812	5)545
2)804	4)804	5)515	6)648
2)608	5)505	9)918	4)832

Lesson 229.

Remember to divide each order :

3)927	4)436	6)654	8)840
2)618	5)520	7)728	8)856
9)945	5)530	7)742	8)872
2)210	5)540	7)756	9)927
3)318	6)618	7)763	9)963
3)327	6)630	7)749	9)972
4)432	6)642	8)824	9)954
4)824	6)624	8)832	9)981

Lesson 230.

Copy and multiply :

164	172	178	197	188
36	43	35	48	55
128	137	146	155	164
48	57	66	75	84
173	182	191	123	132
93	29	38	47	56
121	111	112	116	212
113	124	112	113	121
214	141	215	151	115
141	114	151	115	151

Lesson 231.

Copy and multiply :

484	323	879	645	253
106	109	107	108	109
563	456	258	457	123
107	109	107	108	109
638	345	129	735	324
108	109	107	108	109
574	657	346	739	432
106	109	107	108	109
649	787	264	395	567
104	109	107	108	109

Lesson 232.

Copy and multiply :

360	570	890	830	450
107	109	108	106	105
630	750	980	380	270
106	108	107	105	104
420	870	290	470	360
105	107	106	104	103
240	780	920	740	630
104	106	105	103	102
330	440	550	660	770
103	105	104	102	101

Lesson 233.

Copy and multiply the shortest way :

| 64 | 46 | 75 | 86 | 58 | 35 |
| 10 | 10 | 10 | 100 | 100 | 100 |

| 74 | 47 | 57 | 96 | 68 | 65 |
| 10 | 10 | 10 | 100 | 100 | 100 |

| 96 | 69 | 78 | 69 | 78 | 95 |
| 10 | 10 | 10 | 100 | 100 | 100 |

| 86 | 68 | 87 | 78 | 88 | 97 |
| 10 | 10 | 10 | 100 | 100 | 100 |

| 58 | 85 | 68 | 85 | 98 | 99 |
| 10 | 10 | 10 | 100 | 100 | 100 |

Lesson 234.

Multiply the shortest way :

| 72 | 45 | 64 | 97 | 43 |
| 30 | 40 | 50 | 60 | 70 |

| 54 | 68 | 79 | 23 | 82 |
| 30 | 40 | 50 | 60 | 70 |

| 86 | 39 | 32 | 78 | 67 |
| 30 | 40 | 50 | 70 | 70 |

| 93 | 72 | 85 | 26 | 62 |
| 30 | 40 | 60 | 70 | 80 |

| 27 | 58 | 46 | 59 | 95 |
| 40 | 50 | 60 | 70 | 80 |

Lesson 235.

Copy and divide :

3)90	6)96	4)176	7)707
4)120	7)91	5)195	3)906
5)150	7)98	6)378	2)808
6)240	6)84	7)644	4)408
4)88	4)62	8)720	5)545
3)96	3)43	9)720	6)654
3)69	8)99	10)900	7)763
2)86	6)86	12)840	8)872

Lesson 236.

Copy and subtract :

200 − 37	400 − 73	500 − 68	800 − 37	800 − 78
200 − 48	500 − 73	500 − 27	800 − 25	700 − 65
200 − 56	600 − 73	600 − 37	900 − 88	600 − 84
300 − 37	400 − 38	700 − 29	900 − 66	900 − 79
300 − 65	400 − 47	700 − 19	900 − 77	100 − 56

Lesson 237.

Copy and subtract :

100	400	300	200	1000
− 36	− 199	− 299	− 197	− 999

100	500	400	300	2000
− 77	− 299	− 391	− 99	− 999

100	600	700	500	3000
− 89	− 199	− 692	− 490	− 999

100	700	800	600	4000
− 99	− 399	− 597	− 99	− 999

300	800	900	900	5000
− 99	− 799	− 893	− 799	− 999

Lesson 238.

Copy and divide :

13)56	14)87	16)49	18)56
13)58	14)56	16)52	18)60
13)67	14)99	16)67	18)73
14)58	14)60	16)82	18)95
13)92	15)47	16)99	19)39
13)79	15)62	17)53	19)59
14)85	15)78	17)70	19)79
14)71	15)93	17)87	19)99

Lesson 239.

Copy and divide :

13)144	15)166	17)188	14)295
13)146	15)168	17)189	14)297
13)148	15)167	18)199	14)299
13)145	15)169	19)209	15)316
14)155	16)177	19)214	15)318
14)157	16)179	13)274	16)337
14)159	16)178	13)276	16)339
14)160	16)179	13)286	16)349

Lesson 240.

Copy and divide :

17)358	14)435	17)531	19)591
17)359	14)436	17)536	19)593
18)379	14)438	17)534	19)595
19)399	15)466	17)539	19)597
13)404	15)469	18)561	13)411
13)406	16)496	18)565	14)586
13)409	16)499	18)569	15)622
13)415	16)501	18)571	16)628

Lesson 241.

Copy and divide :

13)681	15)781	17)881	13)821
13)685	15)782	17)883	13)825
13)687	15)785	17)887	13)827
13)689	15)789	17)885	13)829
14)731	16)831	18)931	14)881
14)735	16)835	18)935	14)883
14)737	16)839	18)937	14)887
14)739	16)837	18)939	14)888

Lesson 242.

Copy and divide :

15)937	17)105	19)118	14)994
15)947	17)109	19)128	14)999
15)967	17)119	19)138	15)108
15)977	17)129	19)148	15)118
15)997	18)109	13)936	16)115
16)976	18)119	13)946	16)125
16)996	18)129	13)956	16)135
16)999	18)139	13)966	16)145

Lesson 243.

Copy and divide :

21)445	23)496	27)567	21)649
21)455	23)506	27)577	21)659
21)465	24)508	27)587	21)700
21)475	24)518	27)597	22)689
22)466	24)528	28)588	22)699
22)476	24)538	28)598	22)700
22)486	26)546	28)616	23)734
22)496	26)556	29)609	24)780
23)486	26)576	29)629	26)816

Lesson 244.

Copy and complete :   (429)

$2 = \overline{2}.$ $6 = \overline{4}.$ $8 = \overline{7}.$ $4 = \overline{10}.$ $2 = \overline{14}.$

$3 = \overline{2}.$ $5 = \overline{5}.$ $9 = \overline{7}.$ $5 = \overline{10}.$ $2 = \overline{16}.$

$4 = \overline{2}.$ $4 = \overline{5}.$ $8 = \overline{8}.$ $6 = \overline{10}.$ $3 = \overline{13}.$

$5 = \overline{2}.$ $3 = \overline{5}.$ $7 = \overline{8}.$ $7 = \overline{11}.$ $2 = \overline{17}.$

$6 = \overline{3}.$ $2 = \overline{5}.$ $6 = \overline{8}.$ $8 = \overline{11}.$ $2 = \overline{20}.$

$7 = \overline{3}.$ $3 = \overline{6}.$ $5 = \overline{8}.$ $9 = \overline{11}.$ $2 = \overline{24}.$

$8 = \overline{3}.$ $4 = \overline{6}.$ $4 = \overline{9}.$ $8 = \overline{12}.$ $4 = \overline{25}.$

$9 = \overline{3}.$ $5 = \overline{6}.$ $3 = \overline{9}.$ $7 = \overline{12}.$ $2 = \overline{30}.$

$8 = \overline{4}.$ $6 = \overline{7}.$ $2 = \overline{9}.$ $6 = \overline{12}.$ $2 = \overline{18}.$

$7 = \overline{4}.$ $7 = \overline{7}.$ $3 = \overline{10}.$ $5 = \overline{12}.$ $2 = \overline{13}.$

Lesson 245.

Copy and complete :

$2\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{4} = \frac{}{4}.$	$5\frac{2}{4} = \frac{}{4}.$	$4\frac{4}{6} = \frac{}{6}.$	$\frac{4}{2} =$
$4\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{5} = \frac{}{5}.$	$6\frac{3}{4} = \frac{}{4}.$	$3\frac{5}{6} = \frac{}{6}.$	$\frac{8}{2} =$
$6\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{6} = \frac{}{6}.$	$7\frac{1}{4} = \frac{}{4}.$	$2\frac{1}{7} = \frac{}{7}.$	$\frac{12}{2} =$
$3\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{7} = \frac{}{7}.$	$2\frac{1}{5} = \frac{}{5}.$	$3\frac{2}{7} = \frac{}{7}.$	$\frac{9}{3} =$
$5\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{8} = \frac{}{8}.$	$3\frac{2}{5} = \frac{}{5}.$	$4\frac{3}{7} = \frac{}{7}.$	$\frac{15}{3} =$
$7\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{9} = \frac{}{9}.$	$4\frac{3}{5} = \frac{}{5}.$	$5\frac{4}{7} = \frac{}{7}.$	$\frac{24}{3} =$
$9\frac{1}{2} = \frac{}{2}.$	$1\frac{1}{10} = \frac{}{10}.$	$5\frac{4}{5} = \frac{}{5}.$	$6\frac{5}{7} = \frac{}{7}.$	$\frac{12}{4} =$
$8\frac{1}{2} = \frac{}{2}.$	$2\frac{1}{4} = \frac{}{4}.$	$7\frac{1}{6} = \frac{}{6}.$	$7\frac{1}{8} = \frac{}{8}.$	$\frac{16}{4} =$
$1\frac{1}{2} = \frac{}{2}.$	$2\frac{3}{4} = \frac{}{4}.$	$6\frac{6}{6} = \frac{}{6}.$	$6\frac{2}{8} = \frac{}{8}.$	$\frac{20}{5} =$
$1\frac{1}{3} = \frac{}{3}.$	$3\frac{3}{4} = \frac{}{4}.$	$5\frac{3}{6} = \frac{}{6}.$	$5\frac{3}{8} = \frac{}{8}.$	$\frac{24}{6} =$

Lesson 246.

Copy and complete :

$\frac{1}{2} + \frac{1}{4} = \frac{}{4}.$	$\frac{1}{3} + \frac{1}{6} = \frac{}{6}.$	$\frac{1}{4} + \frac{1}{6} = \frac{}{12}.$
$\frac{1}{2} + \frac{1}{8} = \frac{}{8}.$	$\frac{1}{3} + \frac{1}{7} = \frac{}{21}.$	$\frac{1}{4} + \frac{1}{8} = \frac{}{8}.$
$\frac{1}{2} + \frac{1}{3} = \frac{}{6}.$	$\frac{1}{3} + \frac{1}{8} = \frac{}{24}.$	$\frac{1}{4} + \frac{1}{10} = \frac{}{20}.$
$\frac{1}{2} + \frac{1}{6} = \frac{}{6}.$	$\frac{1}{3} + \frac{1}{9} = \frac{}{9}.$	$\frac{1}{4} + \frac{1}{12} = \frac{}{12}.$
$\frac{1}{2} + \frac{1}{5} = \frac{}{10}.$	$\frac{1}{3} + \frac{1}{10} = \frac{}{30}.$	$\frac{1}{4} + \frac{1}{16} = \frac{}{16}.$
$\frac{1}{2} + \frac{1}{7} = \frac{}{14}.$	$\frac{1}{3} + \frac{1}{11} = \frac{}{33}.$	$\frac{1}{5} + \frac{1}{2} = \frac{}{10}.$
$\frac{1}{2} + \frac{1}{9} = \frac{}{18}.$	$\frac{1}{3} + \frac{1}{12} = \frac{}{12}.$	$\frac{1}{5} + \frac{1}{3} = \frac{}{15}.$
$\frac{1}{3} + \frac{1}{2} = \frac{}{6}.$	$\frac{1}{4} + \frac{1}{2} = \frac{}{4}.$	$\frac{1}{5} + \frac{1}{4} = \frac{}{20}.$
$\frac{1}{3} + \frac{1}{4} = \frac{}{12}.$	$\frac{1}{4} + \frac{1}{3} = \frac{}{12}.$	$\frac{1}{5} + \frac{1}{10} = \frac{}{10}.$
$\frac{1}{3} + \frac{1}{5} = \frac{}{15}.$	$\frac{1}{4} + \frac{1}{5} = \frac{}{20}.$	$\frac{1}{6} + \frac{1}{2} = \frac{}{6}.$

Lesson 247.

Copy and find the numerators of the answers :

$\frac{1}{6} + \frac{1}{3} = \frac{}{6}.$ $\frac{1}{2} - \frac{1}{4} = \frac{}{4}.$ $\frac{1}{3} - \frac{1}{12} = \frac{}{12}.$

$\frac{1}{6} + \frac{1}{4} = \frac{}{12}.$ $\frac{1}{2} - \frac{1}{8} = \frac{}{8}.$ $\frac{1}{3} - \frac{1}{4} = \frac{}{12}.$

$\frac{1}{6} + \frac{1}{9} = \frac{}{18}.$ $\frac{1}{2} - \frac{1}{6} = \frac{}{6}.$ $\frac{1}{3} - \frac{1}{5} = \frac{}{15}.$

$\frac{1}{6} + \frac{1}{12} = \frac{}{12}.$ $\frac{1}{2} - \frac{1}{10} = \frac{}{10}.$ $\frac{1}{4} - \frac{1}{8} = \frac{}{8}.$

$\frac{1}{8} + \frac{1}{2} = \frac{}{8}.$ $\frac{1}{2} - \frac{1}{3} = \frac{}{6}.$ $\frac{1}{4} - \frac{1}{12} = \frac{}{12}.$

$\frac{1}{8} + \frac{1}{4} = \frac{}{8}.$ $\frac{1}{2} - \frac{1}{5} = \frac{}{10}.$ $\frac{1}{4} - \frac{1}{5} = \frac{}{20}.$

$\frac{1}{8} + \frac{1}{6} = \frac{}{24}.$ $\frac{1}{2} - \frac{1}{7} = \frac{}{14}.$ $\frac{1}{4} - \frac{1}{6} = \frac{}{12}.$

$\frac{1}{8} + \frac{1}{16} = \frac{}{16}.$ $\frac{1}{2} - \frac{1}{12} = \frac{}{12}.$ $\frac{1}{4} - \frac{1}{16} = \frac{}{16}.$

$\frac{1}{9} + \frac{1}{3} = \frac{}{9}.$ $\frac{1}{3} - \frac{1}{6} = \frac{}{6}.$ $\frac{1}{5} - \frac{1}{10} = \frac{}{10}.$

$\frac{1}{9} + \frac{1}{6} = \frac{}{18}.$ $\frac{1}{3} - \frac{1}{9} = \frac{}{9}.$ $\frac{1}{6} - \frac{1}{12} = \frac{}{12}.$

Lesson 248.

Change to. fractions having a common denominator and add :

$\frac{1}{2} = \frac{}{6}$ $\frac{1}{2} = \frac{}{8}$ $\frac{1}{2} = \frac{}{10}$ $\frac{1}{12} = \frac{}{12}$ $\frac{1}{7} = \frac{}{14}$

$\frac{1}{3} = \frac{}{6}$ $\frac{1}{4} = \frac{}{8}$ $\frac{1}{5} = \frac{}{10}$ $\frac{1}{2} = \frac{}{12}$ $\frac{1}{14} = \frac{}{14}$

$\frac{1}{6} = \frac{}{6}$ $\frac{1}{8} = \frac{}{8}$ $\frac{1}{10} = \frac{}{10}$ $\frac{1}{6} = \frac{}{12}$ $\frac{1}{2} = \frac{}{14}$

$= \frac{}{6}$ $= \frac{}{8}$ $= \frac{}{10}$ $= \frac{}{12}$ $= \frac{}{14}$

$\frac{1}{2} = \frac{}{12}$ $\frac{1}{2} = \frac{}{16}$ $\frac{1}{18} = \frac{}{18}$ $\frac{1}{4} = \frac{}{12}$ $\frac{1}{6} = \frac{}{12}$

$\frac{1}{4} = \frac{}{12}$ $\frac{1}{8} = \frac{}{16}$ $\frac{1}{9} = \frac{}{9}$ $\frac{1}{12} = \frac{}{12}$ $\frac{1}{12} = \frac{}{12}$

$\frac{1}{12} = \frac{}{12}$ $\frac{1}{16} = \frac{}{16}$ $\frac{1}{2} = \frac{}{2}$ $\frac{1}{3} = \frac{}{12}$ $\frac{1}{3} = \frac{}{12}$

$= \frac{}{12}$ $= \frac{}{16}$ $= \frac{}{18}$ $= \frac{}{12}$ $= \frac{}{12}$

Lesson 249.

Change to fractions having a common denominator, and add :

$$\frac{1}{6} = \frac{}{12}. \qquad \frac{1}{6} = \frac{}{18}. \qquad \frac{1}{3} = \frac{}{12}. \qquad \frac{1}{15} = \frac{}{15}. \qquad \frac{1}{4} = \frac{}{20}.$$
$$\frac{1}{12} = \frac{}{12}. \qquad \frac{1}{9} = \frac{}{18}. \qquad \frac{1}{4} = \frac{}{12}. \qquad \frac{1}{5} = \frac{}{15}. \qquad \frac{1}{10} = \frac{}{20}.$$
$$\frac{1}{3} = \frac{}{12}. \qquad \frac{1}{3} = \frac{}{18}. \qquad \frac{1}{6} = \frac{}{12}. \qquad \frac{1}{3} = \frac{}{15}. \qquad \frac{1}{5} = \frac{}{20}.$$
$$\qquad = \frac{}{12}. \qquad \quad = \frac{}{18}. \qquad \quad = \frac{}{12}. \qquad \quad = \frac{}{15}. \qquad \quad = \frac{}{20}.$$

$$\frac{1}{3} = \frac{}{15}. \qquad \frac{1}{3} = \frac{}{12}. \qquad \frac{1}{4} = \frac{}{20}. \qquad \frac{1}{4} = \frac{}{20}. \qquad \frac{1}{3} = \frac{}{24}.$$
$$\frac{1}{5} = \frac{}{15}. \qquad \frac{1}{4} = \frac{}{12}. \qquad \frac{1}{5} = \frac{}{20}. \qquad \frac{1}{10} = \frac{}{20}. \qquad \frac{1}{8} = \frac{}{24}.$$

$$\frac{1}{6} = \frac{}{18}. \qquad \frac{1}{9} = \frac{}{36}. \qquad \frac{1}{6} = \frac{}{24}. \qquad \frac{1}{5} = \frac{}{30}. \qquad \frac{1}{10} = \frac{}{30}.$$
$$\frac{1}{9} = \frac{}{18}. \qquad \frac{1}{12} = \frac{}{36}. \qquad \frac{1}{8} = \frac{}{24}. \qquad \frac{1}{6} = \frac{}{30}. \qquad \frac{1}{6} = \frac{}{30}.$$

Lesson 250.

Change to fractions having a common denominator, and subtract :   (433)

$$\frac{1}{2} = \frac{}{4}. \qquad \frac{1}{2} = \frac{}{8}. \qquad \frac{1}{2} = \frac{}{6}. \qquad \frac{1}{2} = \frac{}{6}. \qquad \frac{1}{2} = \frac{}{14}.$$
$$-\frac{1}{4} = \frac{}{4}. \qquad -\frac{1}{8} = \frac{}{8}. \qquad -\frac{1}{6} = \frac{}{6}. \qquad -\frac{1}{3} = \frac{}{6}. \qquad -\frac{1}{7} = \frac{}{14}.$$

$$\frac{1}{3} = \frac{}{6}. \qquad \frac{1}{3} = \frac{}{9}. \qquad \frac{1}{3} = \frac{}{12}. \qquad \frac{1}{3} = \frac{}{15}. \qquad \frac{1}{3} = \frac{}{12}.$$
$$-\frac{1}{6} = \frac{}{6}. \qquad -\frac{1}{9} = \frac{}{9}. \qquad -\frac{1}{4} = \frac{}{12}. \qquad -\frac{1}{5} = \frac{}{15}. \qquad -\frac{1}{12} = \frac{}{12}.$$

$$\frac{3}{4} = \frac{}{4}. \qquad \frac{2}{3} = \frac{}{6}. \qquad \frac{7}{8} = \frac{}{8}. \qquad \frac{4}{5} = \frac{}{10}. \qquad \frac{6}{7} = \frac{}{14}.$$
$$-\frac{1}{2} = \frac{}{4}. \qquad -\frac{1}{2} = \frac{}{6}. \qquad -\frac{1}{2} = \frac{}{8}. \qquad -\frac{1}{2} = \frac{}{10}. \qquad -\frac{1}{2} = \frac{}{14}.$$

$$\frac{1}{4} = \frac{}{20}. \qquad \frac{3}{4} = \frac{}{20}. \qquad \frac{1}{4} = \frac{}{8}. \qquad \frac{3}{4} = \frac{}{8}. \qquad \frac{3}{5} = \frac{}{10}.$$
$$-\frac{1}{5} = \frac{}{20}. \qquad -\frac{2}{5} = \frac{}{20}. \qquad -\frac{1}{8} = \frac{}{8}. \qquad -\frac{5}{8} = \frac{}{8}. \qquad -\frac{3}{10} = \frac{}{10}.$$

Lesson 251.

Add the fractions first :

$4\frac{1}{2}$	$7\frac{1}{3}$	$17\frac{1}{4}$	$76\frac{1}{3}$	$486\frac{1}{2}$
$3\frac{3}{4}$	$9\frac{1}{6}$	$29\frac{2}{5}$	$97\frac{1}{2}$	$658\frac{1}{10}$
$5\frac{1}{8}$	$8\frac{1}{12}$	$37\frac{1}{10}$	$84\frac{1}{15}$	$967\frac{3}{5}$

$9\frac{1}{2}$	$8\frac{1}{7}$	$95\frac{1}{8}$	$87\frac{1}{4}$	$655\frac{5}{6}$
$8\frac{5}{6}$	$7\frac{1}{14}$	$37\frac{1}{9}$	$78\frac{1}{3}$	$896\frac{1}{2}$
$6\frac{1}{12}$	$5\frac{1}{2}$	$68\frac{1}{2}$	$96\frac{1}{2}$	$758\frac{2}{3}$

$6\frac{1}{3}$	$9\frac{1}{8}$	$79\frac{1}{4}$	$83\frac{1}{4}$	$756\frac{1}{12}$
$6\frac{1}{4}$	$9\frac{1}{5}$	$86\frac{1}{2}$	$78\frac{1}{2}$	$987\frac{1}{4}$
$6\frac{1}{6}$	$9\frac{1}{15}$	$99\frac{1}{10}$	$36\frac{1}{12}$	$659\frac{1}{6}$

Lesson 252.

Copy and subtract :

$9\frac{1}{2}$	$17\frac{2}{3}$	$15\frac{3}{4}$	$25\frac{1}{3}$	$26\frac{1}{6}$
$-\frac{1}{3}$	$-9\frac{1}{2}$	$-9\frac{2}{3}$	$-7\frac{1}{9}$	$-7\frac{1}{9}$

$3\frac{1}{2}$	$15\frac{3}{5}$	$14\frac{7}{8}$	$24\frac{2}{3}$	$33\frac{7}{8}$
$-\frac{1}{4}$	$-9\frac{1}{2}$	$-9\frac{3}{4}$	$-8\frac{4}{9}$	$-8\frac{1}{2}$

$2\frac{1}{2}$	$13\frac{3}{4}$	$17\frac{1}{4}$	$27\frac{5}{6}$	$34\frac{6}{7}$
$-\frac{3}{8}$	$-9\frac{1}{2}$	$-8\frac{1}{5}$	$-9\frac{1}{3}$	$-5\frac{1}{2}$

$1\frac{1}{2}$	$16\frac{7}{12}$	$23\frac{3}{4}$	$22\frac{4}{5}$	$36\frac{7}{10}$
$-\frac{2}{5}$	$-9\frac{1}{2}$	$-6\frac{2}{5}$	$-7\frac{3}{4}$	$-7\frac{2}{5}$

Lesson 253.

Copy and complete :   (434)

$\frac{1}{2}$ of $\frac{2}{4} = \frac{}{4}$.　　$\frac{1}{4}$ of $\frac{20}{21} = \frac{}{21}$.　　$\frac{1}{6}$ of $\frac{18}{20} = \frac{}{20}$.

$\frac{1}{2}$ of $\frac{6}{7} = \frac{}{7}$.　　$\frac{1}{5}$ of $\frac{10}{11} = \frac{}{11}$.　　$\frac{1}{6}$ of $\frac{24}{30} = \frac{}{30}$.

$\frac{1}{2}$ of $\frac{8}{9} = \frac{}{9}$.　　$\frac{1}{5}$ of $\frac{15}{16} = \frac{}{16}$.　　$\frac{1}{7}$ of $\frac{14}{18} = \frac{}{18}$.

$\frac{1}{2}$ of $\frac{10}{17} = \frac{}{17}$.　　$\frac{1}{5}$ of $\frac{20}{21} = \frac{}{21}$.　　$\frac{1}{7}$ of $\frac{14}{15} = \frac{}{15}$.

$\frac{1}{3}$ of $\frac{6}{7} = \frac{}{7}$.　　$\frac{1}{5}$ of $\frac{25}{27} = \frac{}{27}$.　　$\frac{1}{8}$ of $\frac{8}{9} = \frac{}{9}$.

$\frac{1}{3}$ of $\frac{9}{14} = \frac{}{14}$.　　$\frac{1}{6}$ of $\frac{12}{13} = \frac{}{13}$.　　$\frac{1}{8}$ of $\frac{8}{14} = \frac{}{14}$.

$\frac{1}{3}$ of $\frac{15}{16} = \frac{}{16}$.　　$\frac{1}{6}$ of $\frac{6}{7} = \frac{}{7}$.　　$\frac{1}{8}$ of $\frac{16}{20} = \frac{}{20}$.

$\frac{1}{4}$ of $\frac{8}{9} = \frac{}{9}$.　　$\frac{1}{6}$ of $\frac{6}{11} = \frac{}{11}$.　　$\frac{1}{8}$ of $\frac{24}{25} = \frac{}{25}$.

$\frac{1}{4}$ of $\frac{12}{19} = \frac{}{19}$.　　$\frac{1}{7}$ of $\frac{8}{8} = \frac{}{8}$.　　$\frac{1}{9}$ of $\frac{9}{12} = \frac{}{12}$.

$\frac{1}{4}$ of $\frac{16}{21} = \frac{}{21}$.　　$\frac{1}{7}$ of $\frac{7}{9} = \frac{}{9}$.　　$\frac{1}{10}$ of $\frac{20}{27} = \frac{}{27}$.

Lesson 254.

Copy and divide :   (435)

$\frac{9}{10} \div \frac{3}{10} =$　　$\frac{10}{11} \div \frac{5}{11} =$　　$\frac{7}{9} \div \frac{7}{9} =$

$\frac{6}{7} \div \frac{3}{7} =$　　$\frac{15}{16} \div \frac{5}{16} =$　　$\frac{14}{15} \div \frac{7}{15} =$

$\frac{12}{14} \div \frac{3}{14} =$　　$\frac{25}{30} \div \frac{5}{30} =$　　$\frac{21}{25} \div \frac{7}{25} =$

$\frac{18}{20} \div \frac{3}{20} =$　　$\frac{35}{36} \div \frac{5}{36} =$　　$\frac{21}{30} \div \frac{7}{30} =$

$\frac{6}{7} \div \frac{2}{7} =$　　$\frac{12}{13} \div \frac{6}{13} =$　　$\frac{28}{35} \div \frac{7}{35} =$

$\frac{8}{9} \div \frac{4}{9} =$　　$\frac{12}{17} \div \frac{6}{17} =$　　$\frac{35}{36} \div \frac{7}{36} =$

$\frac{10}{12} \div \frac{2}{12} =$　　$\frac{12}{20} \div \frac{6}{20} =$　　$\frac{8}{9} \div \frac{8}{9} =$

$\frac{8}{9} \div \frac{4}{9} =$　　$\frac{18}{20} \div \frac{6}{20} =$　　$\frac{16}{18} \div \frac{8}{18} =$

$\frac{16}{18} \div \frac{4}{18} =$　　$\frac{30}{35} \div \frac{6}{35} =$　　$\frac{24}{25} \div \frac{8}{25} =$

$\frac{24}{25} \div \frac{4}{25} =$　　$\frac{24}{25} \div \frac{6}{25} =$　　$\frac{24}{30} \div \frac{8}{30} =$

Lesson 255.

Copy and divide :

$\frac{7}{8} \div \frac{2}{8} =$	$\frac{7}{8} \div \frac{3}{8} =$	$\frac{11}{13} \div \frac{5}{13} =$
$\frac{9}{12} \div \frac{2}{12} =$	$\frac{8}{9} \div \frac{3}{9} =$	$\frac{12}{16} \div \frac{5}{16} =$
$\frac{13}{15} \div \frac{2}{15} =$	$\frac{11}{12} \div \frac{3}{12} =$	$\frac{14}{16} \div \frac{5}{16} =$
$\frac{15}{18} \div \frac{4}{8} =$	$\frac{14}{16} \div \frac{3}{16} =$	$\frac{16}{18} \div \frac{5}{18} =$
$\frac{7}{9} \div \frac{4}{9} =$	$\frac{16}{18} \div \frac{3}{18} =$	$\frac{18}{20} \div \frac{5}{20} =$
$\frac{9}{12} \div \frac{4}{12} =$	$\frac{17}{20} \div \frac{3}{20} =$	$\frac{21}{25} \div \frac{5}{25} =$
$\frac{10}{12} \div \frac{4}{12} =$	$\frac{19}{20} \div \frac{3}{20} =$	$\frac{23}{25} \div \frac{5}{25} =$
$\frac{11}{12} \div \frac{4}{12} =$	$\frac{6}{7} \div \frac{5}{7} =$	$\frac{24}{25} \div \frac{5}{21} =$
$\frac{17}{18} \div \frac{4}{18} =$	$\frac{8}{9} \div \frac{5}{9} =$	$\frac{9}{12} \div \frac{6}{12} =$
$\frac{21}{25} \div \frac{4}{25} =$	$\frac{9}{12} \div \frac{5}{12} =$	$\frac{15}{16} \div \frac{6}{16} =$

Lesson 256.

Describe these numbers by writing " prime " or " composite " after each number :

1 is	11 is	21 is	31 is	41 is
2 is	12 is	22 is	32 is	42 is
3 is	13 is	23 is	33 is	43 is
4 is	14 is	24 is	34 is	44 is
5 is	15 is	25 is	35 is	45 is
6 is	16 is	26 is	36 is	46 is
7 is	17 is	27 is	37 is	47 is
8 is	18 is	28 is	38 is	48 is
9 is	19 is	29 is	39 is	49 is
10 is	20 is	30 is	40 is	50 is

Lesson 257.

Copy and find :

The prime factors of $8 =$	The prime factors of $40 =$
" " " " $12 =$	" " " " $42 =$
" " " " $16 =$	" " " " $44 =$
" " " " $18 =$	" " " " $45 =$
" " " " $20 =$	" " " " $48 =$
" " " " $24 =$	" " " " $49 =$
" " " " $28 =$	" " " " $50 =$
" " " " $30 =$	" " " " $54 =$
" " " " $32 =$	" " " " $56 =$
" " " " $36 =$	" " " " $60 =$

Lesson 258.

Copy and find :

The least common multiple of 2, 3, 6.
"   "   "   "   " 4, 3, 6.
"   "   "   "   " 2, 5, 10.
"   "   "   "   " 3, 4, 12.
"   "   "   "   " 3, 5, 15.
"   "   "   "   " 3, 6, 9.
"   "   "   "   " 2, 3, 4, 6.
"   "   "   "   " 6, 3, 8, 4, 2.
"   "   "   "   " 2, 5, 3, 6, 10.
"   "   "   "   " 2, 3, 4, 6, 9, 12.

Lesson 259.

Find the least common multiple of :

14, 7, 28, 4.	7, 35, 42, 14.
9, 12, 18, 24.	8, 16, 32, 24.
16, 20, 24, 32.	6, 30, 60, 54.
10, 15, 20, 30.	5, 25, 75, 50.
9, 18, 36, 72.	54, 52, 27, 9.
11, 22, 44, 88.	15, 27, 10, 45.
13, 26, 52, 39.	10, 12, 14, 16.
14, 42, 21, 28.	12, 14, 16, 18.
17, 34, 68, 4.	14, 16, 18, 20.
36, 24, 18, 48.	16, 18, 20, 22.

Lesson 260.

Express in decimal form and find the answers :   (450)

$\frac{1}{10} =$ $\frac{5}{10} =$ $\frac{7}{10} =$ $\frac{2}{10} =$ $\frac{3}{10} =$ $\frac{6}{10} =$ $\frac{2}{10} =$ $\frac{8}{10} =$

$\frac{3}{10} =$ $\frac{2}{10} =$ $\frac{0}{10} =$ $\frac{4}{10} =$ $\frac{3}{10} =$ $\frac{0}{10} =$ $\frac{3}{10} =$ $\frac{0}{10} =$

$\frac{2}{10} =$ $\frac{0}{10} =$ $\frac{1}{10} =$ $\frac{0}{10} =$ $\frac{2}{10} =$ $\frac{1}{10} =$ $\frac{1}{10} =$ $\frac{1}{10} =$

$\frac{3}{10} =$ $\frac{1}{10} =$ $\frac{0}{10} =$ $\frac{1}{10} =$ $\frac{1}{10} =$ $\frac{1}{10} =$ $\frac{3}{10} =$ $\frac{0}{10} =$

$\frac{7}{10} =$ $\frac{9}{10} =$ $\frac{8}{10} =$ $\frac{6}{10} =$ $\frac{7}{10} =$ $\frac{8}{10} =$ $\frac{9}{10} =$

$-\frac{3}{10} =$ $-\frac{4}{10} =$ $-\frac{3}{10} =$ $-\frac{2}{10} =$ $-\frac{4}{10} =$ $-\frac{5}{10} =$ $-\frac{5}{10} =$

$\frac{9}{10} =$ $\frac{9}{10} =$ $\frac{9}{10} =$ $\frac{7}{10} =$ $\frac{7}{10} =$ $\frac{8}{10} =$ $\frac{8}{10} =$

$-\frac{6}{10} =$ $-\frac{7}{10} =$ $-\frac{2}{10} =$ $-\frac{5}{10} =$ $-\frac{2}{10} =$ $-\frac{6}{10} =$ $-\frac{2}{10} =$

Lesson 261.

Express in decimal form and complete : (451)

$2 \times \frac{4}{10} =$	$\frac{8}{10} \div \frac{2}{10} =$	$\frac{1}{2}$ of $\frac{4}{10} =$
$4 \times \frac{2}{10} =$	$\frac{8}{10} \div \frac{1}{10} =$	$\frac{1}{2}$ of $\frac{6}{10} =$
$3 \times \frac{2}{10} =$	$\frac{8}{10} \div \frac{4}{10} =$	$\frac{1}{3}$ of $\frac{6}{10} =$
$6 \times \frac{1}{10} =$	$\frac{6}{10} \div \frac{1}{10} =$	$\frac{1}{3}$ of $\frac{9}{10} =$
$7 \times \frac{1}{10} =$	$\frac{6}{10} \div \frac{2}{10} =$	$\frac{1}{4}$ of $\frac{4}{10} =$
$2 \times \frac{3}{10} =$	$\frac{6}{10} \div \frac{3}{10} =$	$\frac{1}{4}$ of $\frac{8}{10} =$
$9 \times \frac{1}{10} =$	$\frac{9}{10} \div \frac{1}{10} =$	$\frac{1}{3}$ of $\frac{3}{10} =$
$1 \times \frac{5}{10} =$	$\frac{9}{10} \div \frac{3}{10} =$	$\frac{1}{2}$ of $\frac{2}{10} =$
$8 \times \frac{1}{10} =$	$\frac{5}{10} \div \frac{5}{10} =$	$\frac{1}{8}$ of $\frac{8}{10} =$
$3 \times \frac{3}{10} =$	$\frac{5}{10} \div \frac{1}{10} =$	$\frac{1}{9}$ of $\frac{9}{10} =$

Lesson 262.

Copy and add : (451)

7.6	37.8	75.7	87.2	123.4
9.4	46.9	87.6	56.8	234.1
3.6	38.5	98.7	37.9	341.2
5.7	97.9	37.9	48.7	412.3
9.8	65.9	89.6	78.5	567.8
7.7	76.3	98.7	57.8	678.5
5.9	87.6	86.7	85.7	785.6
3.5	58.5	77.9	33.3	856.7
5.7	93.9	68.5	96.4	975.3
7.8	86.5	39.7	64.9	753.9
6.3	73.7	73.9	49.6	539.7
4.9	85.6	86.5	55.5	397.5

Lesson 263.

Copy and subtract :   (452)

9.7	79.6	96.4	90.2	900.1
− 3.9	− 25.7	− 25.8	− 34.8	− 65.7
8.2	86.5	76.8	87.6	800.4
− 2.7	− 37.6	− 32.9	− 23.7	− 79.8
9.3	78.2	42.7	30.5	700.2
− 1.9	− 29.8	− 18.5	− 10.7	− 200.8
7.5	64.1	37.2	50.3	500.1
− 2.8	− 29.7	− 19.6	− 19.8	− 100.9
6.2	85.3	28.9	20.2	600.0
− 3.7	− 37.8	− 19.8	− 19.7	− 99.9

Lesson 264.

Copy and multiply :   (452)

7.6	3.9	7.3	37.5	8.4	5.7
6	9	20	9	36	35
9.5	5.7	8.5	25.7	6.3	7.2
3	8	70	8	28	47
8.4	6.5	5.4	64.5	7.5	8.7
7	8	60	9	19	37
7.5	7.8	3.7	37.2	8.7	5.9
9	7	50	5	15	28
8.6	9.9	2.9	46.5	9.4	4.7
8	5	90	6	19	27

Lesson 265.

Copy and divide : (452)

0.4)2.8	0.4)3.6	0.7)6.3	0.2)9.4	1.2)3.6
0.9)7.2	0.6)5.4	0.8)5.6	0.3)9.9	1.2)4.8
0.7)8.4	0.8)7.2	0.2)4.2	0.4)9.6	1.2)9.6
0.9)6.3	0.9)8.1	0.3)9.6	0.5)7.5	1.2)7.2
0.6)4.2	0.7)4.2	0.4)7.2	0.6)9.6	1.2)8.4
0.5)3.5	0.8)3.2	0.8)9.6	0.7)9.1	1.2)6.0
0.9)4.5	0.9)3.6	0.8)4.8	0.3)5.4	1.2)2.4
0.6)7.2	0.4)4.8	0.7)5.6	0.4)7.2	1.2)10.8
0.8)6.4	0.9)5.4	0.8)4.0	0.5)9.5	1.2)12.0

Lesson 266.

Express in decimal form and find the answers : (453)

$\frac{13}{100}$	$\frac{22}{100}$	$\frac{11}{100}$	$\frac{54}{100}$	$\frac{61}{100}$	$\frac{21}{100}$
$\frac{12}{100}$	$\frac{33}{100}$	$\frac{14}{100}$	$\frac{2}{100}$	$\frac{3}{100}$	$\frac{8}{100}$
$\frac{21}{100}$	$\frac{11}{100}$	$\frac{41}{100}$	$\frac{10}{100}$	$\frac{4}{100}$	$\frac{20}{100}$
$\frac{32}{100}$	$\frac{13}{100}$	$\frac{31}{100}$	$\frac{12}{100}$	$\frac{22}{100}$	$\frac{30}{100}$

$\frac{89}{100}$	$\frac{75}{100}$	$\frac{87}{100}$	$\frac{57}{100}$	$\frac{68}{100}$	$\frac{76}{100}$
$-\frac{54}{100}$	$-\frac{37}{100}$	$-\frac{49}{100}$	$-\frac{28}{100}$	$-\frac{29}{100}$	$-\frac{47}{100}$

$\frac{36}{100}$	$\frac{48}{100}$	$\frac{54}{100}$	$\frac{72}{100}$	$\frac{63}{100}$	$\frac{96}{100}$
$-\frac{9}{100}$	$-\frac{8}{100}$	$-\frac{6}{100}$	$-\frac{8}{100}$	$-\frac{7}{100}$	$-\frac{8}{100}$

Lesson 267.

Express in decimal form and complete :   (454)

$4 \times \frac{9}{100} =$	$\frac{45}{100} \div \frac{9}{100} =$	$\frac{1}{7}$ of $\frac{84}{100} =$
$8 \times \frac{7}{100} =$	$\frac{72}{100} \div \frac{8}{100} =$	$\frac{1}{7}$ of $\frac{56}{100} =$
$9 \times \frac{6}{100} =$	$\frac{54}{100} \div \frac{6}{100} =$	$\frac{1}{7}$ of $\frac{63}{100} =$
$7 \times \frac{9}{100} =$	$\frac{56}{100} \div \frac{8}{100} =$	$\frac{1}{6}$ of $\frac{54}{100} =$
$6 \times \frac{8}{100} =$	$\frac{72}{100} \div \frac{9}{100} =$	$\frac{1}{6}$ of $\frac{72}{100} =$
$7 \times \frac{8}{100} =$	$\frac{84}{100} \div \frac{7}{100} =$	$\frac{1}{6}$ of $\frac{42}{100} =$
$12 \times \frac{8}{100} =$	$\frac{72}{100} \div \frac{6}{100} =$	$\frac{1}{8}$ of $\frac{72}{100} =$
$7 \times \frac{12}{100} =$	$\frac{63}{100} \div \frac{7}{100} =$	$\frac{1}{8}$ of $\frac{96}{100} =$
$5 \times \frac{9}{100} =$	$\frac{84}{100} \div \frac{12}{100} =$	$\frac{1}{9}$ of $\frac{72}{100} =$
$9 \times \frac{7}{100} =$	$\frac{96}{100} \div \frac{12}{100} =$	$\frac{1}{9}$ of $\frac{63}{100} =$

Lesson 268.

Copy and add :

6.04	0.36	0.79	6.09	9.56
9.32	0.54	0.09	0.07	3.07
8.61	0.06	0.3	3.97	0.8
9.21	0.98	0.79	6.4	5.0
3.76	0.42	0.87	5.06	7.26
2.09	0.25	0.99	3.09	8.95
1.7	0.42	0.68	7.08	3.76
3.06	0.03	0.76	8.05	8.52
6.09	0.75	0.98	6.0	4.0
4.08	0.87	0.07	0.5	0.8
3.07	0.78	0.08	0.07	3.06
4.06	0.57	0.06	3.6	0.5

Lesson 269.

Copy and subtract : (454)

9.98	0.97	0.6	6.7	4.
− 2.09	− 0.29	− 0.37	− 0.27	− 0.98
7.03	0.69	0.8	5.9	9.
− 1.07	− 0.27	− 0.29	− 2.39	− 0.37
6.05	0.97	0.5	4.6	3.
− 2.08	− 0.38	− 0.08	− 0.99	− 0.45
6.5	0.85	0.4	8.5	7.
− 0.37	− 0.09	− 0.09	− 2.73	− 0.83
8.7	0.76	0.8	7.6	3.
− 0.59	− 0.08	− 0.08	− 0.03	− 0.02

Lesson 270.

Copy and multiply : (454)

0.39	0.09	2.07	0.27	0.25
7	7	5	20	22
0.64	0.03	1.06	0.49	0.34
5	9	7	50	32
0.46	0.09	3.09	0.87	0.27
7	9	9	60	19
0.37	0.07	4.05	0.95	0.39
8	9	8	70	17
0.58	0.09	6.08	0.37	0.28
9	5	7	90	16

Lesson 271.

Copy and divide :

0.07)0.84	0.03)0.96	0.09)1.53	0.13)1.43
0.09)0.72	0.02)0.74	0.08)1.44	0.17)3.57
0.07)0.63	0.03)0.87	0.07)1.26	0.19(5.89
0.06)0.54	0.04)0.56	0.09)2.88	0.15)4.65
0.08)0.56	0.02)0.94	0.06)4.56	0.23)4.83
0.06)0.72	0.05)0.95	0.05)3.95	0.25)7.50
0.12)0.84	0.04)0.92	0.07)4.48	0.34)7.14
0.12)0.96	0.06)0.84	0.08)5.92	0.36)7.56
0.07)0.56	0.07)0.91	0.04)4.40	0.42)8.82

Lesson 272.

Copy and find the answers :   (455)

8	17	374	11	65	83
× 0.7	× 0.5	× 0.4	× 1.3	× 0.05	× 0.54
9	36	472	16	76	77
× 0.8	× 0.7	× 0.6	× 1.8	× 0.07	× 0.39
12	58	784	19	58	89
× 0.6	× 0.4	× 0.8	× 1.5	× 0.06	× 0.47

0.1)2	0.3)27	0.05)45	0.21)42	1.5)765
0.2)4	0.4)36	0.03)15	0.25)75	3.2)672
0.3)6	0.6)54	0.02)16	0.15)45	0.32)672

Lesson 273.

Express as decimal fractions : (456)

$\frac{1}{2}=$	$\frac{3}{5}=$	$\frac{5}{10}=$	$\frac{1}{20}=$	$\frac{4}{25}=$	$\frac{7}{100}=$
$\frac{1}{4}=$	$\frac{4}{5}=$	$\frac{9}{10}=$	$\frac{3}{20}=$	$\frac{7}{25}=$	$\frac{5}{100}=$
$\frac{3}{4}=$	$\frac{1}{10}=$	$\frac{8}{10}=$	$\frac{7}{20}=$	$\frac{9}{25}=$	$\frac{12}{100}=$
$\frac{1}{5}=$	$\frac{3}{10}=$	$\frac{2}{10}=$	$\frac{9}{20}=$	$\frac{11}{25}=$	$\frac{16}{100}=$
$\frac{2}{5}=$	$\frac{7}{10}=$	$\frac{4}{10}=$	$\frac{1}{25}=$	$\frac{13}{25}=$	$\frac{1}{50}=$

Express as common fractions :

0.5 =	0.6 =	0.5 =	0.05 =	0.16 =	0.07 =
0.25 =	0.8 =	0.9 =	0.15 =	0.28 =	0.05 =
0.75 =	0.1 =	0.8 =	0.35 =	0.36 =	0.12 =
0.2 =	0.3 =	0.2 =	0.45 =	0.44 =	0.16 =
0.4 =	0.7 =	0.4 =	0.04 =	0.52 =	0.02 =

Lesson 274.

Express as decimal fractions : (458)

1 per cent =	2 per cent =	3 per cent =
5 per cent =	4 per cent =	9 per cent =
7 per cent =	6 per cent =	8 per cent =
12 per cent =	13 per cent =	10 per cent =
15 per cent =	17 per cent =	25 per cent =
25 per cent =	20 per cent =	80 per cent =
30 per cent =	50 per cent =	85 per cent =
34 per cent =	60 per cent =	100 per cent =
39 per cent =	70 per cent =	150 per cent =
40 per cent =	75 per cent =	200 per cent =

Lesson 275.

Find :   (459)

25 per cent of 80.	2 per cent of 75.
10 per cent of 90.	6 per cent of 163.
4 per cent of 50.	8 per cent of 300.
75 per cent of 24.	9 per cent of 700.
60 per cent of 20.	7 per cent of 420.
50 per cent of 50.	60 per cent of 45.
50 per cent of 80.	40 per cent of 85.
5 per cent of 60.	80 per cent of 150.
15 per cent of 60.	30 per cent of 465.
20 per cent of 50.	70 per cent of 840.

Lesson 276.

Copy and complete :   (461)

$\frac{1}{2} = $ %.	$8 = $ %.	$\frac{3}{4} = $ %.
$\frac{1}{4} = $ %.	$4 = $ %.	$\frac{2}{5} = $ %.
$\frac{1}{5} = $ %.	$5 = $ %.	$\frac{3}{10} = $ %.
$\frac{1}{10} = $ %.	$1\frac{1}{2} = $ %.	$\frac{7}{20} = $ %.
$\frac{1}{20} = $ %.	$1\frac{1}{4} = $ %.	$\frac{8}{25} = $ %.
$\frac{1}{25} = $ %.	$1\frac{1}{5} = $ %.	$\frac{9}{50} = $ %.
$\frac{1}{50} = $ %.	$1\frac{1}{10} = $ %.	$1\frac{3}{4} = $ %.
$1 = $ %.	$1\frac{1}{20} = $ %.	$1\frac{2}{5} = $ %.
$2 = $ %.	$1\frac{1}{25} = $ %.	$1\frac{3}{10} = $ %.
$3 = $ %.	$1\frac{1}{50} = $ %.	$1 = $ %.

Lesson 277.

Express as fractions and reduce to lowest terms :

1% =	8⅓% =	16⅔% =	40% =	100% =
2% =	10% =	20% =	50% =	150% =
4% =	12½% =	25% =	66⅔% =	200% =
5% =	14⁴⁄₇% =	33⅓% =	75% =	500% =

Find the per cent in each case :

2 = % of 4.	10 = % of 50.	25 = % of 25.
3 = % of 6.	10 = % of 80.	50 = % of 50.
4 = % of 20.	6 = % of 24.	15 = % of 15.
5 = % of 25.	25 = % of 50.	1 = % of 1.
10 = % of 20.	5 = % of 20.	100 = % of 100.

Lesson 278.

Copy and complete :   (463)

5 = 100% of	200 = 50% of	10 = 10% of
7 = 100% of	3 = 25% of	20 = 10% of
25 = 100% of	5 = 25% of	2 = 4% of
18 = 100% of	7 = 25% of	4 = 4% of
100 = 100% of	25 = 25% of	8 = 4% of
4 = 50% of	50 = 25% of	1 = 2% of
9 = 50% of	100 = 25% of	2 = 2% of
20 = 50% of	1 = 10% of	3 = 2% of
50 = 50% of	2 = 10% of	1 = 1% of
100 = 50 %of	3 = 10% of	2 = 1% of

Lesson 279.

Copy and complete : (464)

$70\% + 30\% =$	$1 - 50\% =$	$10\% + \quad = 1.$
$60\% + 40\% =$	$1 - 25\% =$	$15\% + \quad = 1.$
$20\% + 80\% =$	$1 - 75\% =$	$30\% + \quad = 1.$
$50\% + 50\% =$	$1 - 30\% =$	$50\% + \quad = 1.$
$25\% + 75\% =$	$1 - 70\% =$	$75\% + \quad = 1.$
$85\% + 15\% =$	$1 - 20\% =$	$25\% + \quad = 1.$
$100\% - 10\% =$	$1 - 40\% =$	$85\% + \quad = 1.$
$100\% - 25\% =$	$1 - 10\% =$	$20\% + \quad = 1.$
$100\% - 50\% =$	$1 - 80\% =$	$95\% + \quad = 1.$
$100\% - 20\% =$	$1 - 60\% =$	$4\% + \quad = 1.$

Lesson 280.

Find the commission for selling : (406)

100 barrels of flour at \$6 per barrel, at 2%.

1000 pounds of cotton at \$0.10 per pound, at $2\frac{1}{2}\%$.

A house for \$4500, at $3\frac{1}{2}\%$.

50 sewing machines at \$35 each, at $1\frac{1}{2}\%$.

25 tubs of butter at \$5 a tub, at $2\frac{1}{2}\%$.

250 books at \$1.50 each, at 3%.

\$2500 worth of boots and shoes, at $1\frac{1}{2}\%$.

175 stoves at \$45 each, at 2%.

250 lightning rods at \$2 each, at $3\frac{1}{2}\%$.

50 organs at \$125 each, at 2%.

Lesson 281.

Find the interest of :

$ 350 for 3 years, at 6%.
$ 350 for 3 years, at 7%.
$ 350 for 5 years, at 7%.
$ 200 for 5 years, at 7%.
$ 200 for 7 years, at 7%.
$ 200 for 7 years, at 6%.
$ 450 for 6 months, at 6%.
$ 125 for 6 months, at 6%.
$ 350 for 6 months, at 4%.
$ 400 for 6 months, at 5%.

Lesson 282.

Find the interest of :   .468)

$ 150 for 2 years 6 months, at 6%.
$ 310.60 for 3 years 4 months, at 6%.
$ 60.25 for 4 years 2 months, at 7%.
$ 100 for 6 years 6 months, at 8%.
$ 420 for 6 months, at 5%.
$ 550.50 for 1 year 3 months, at 8%.
$ 836.75 for 2 years 4 months, at 6%.
$ 740 for 3 years 2 months, at 4½%.
$ 860.40 for 6 years 4 months, at 6%.
$ 999.95 for 1 year 9 months, at 6%.

Lesson 283.

Find the amount of :   (469)

$ 50 for 3 years 2 months, at 6%.
$ 35 for 4 years 6 months, at 7%.
$ 90 for 1 year 3 months, at 6%.
$ 125 for 2 years 8 months, at 6%.
$ 375 for 6 years 9 months, at 4½%.
$ 480 for 5 years 3 months, at 8%.
$ 650 for 8 years 4 months, at 6%.
$ 525.50 for 1 year 9 months, at 6%.
$ 250 from Jan. 1, 1880, to July 1, 1886, at 6%.
$ 125.25 from Mar. 3, 1882, to Oct. 3, 1884, at 6%.

Lesson 284.

Find the rate per cent :   (470)

When the interest on $50   for 2 years is $6.
   "   "   "   "   405.25 for 1 year is $16.21.
   "   "   "   "   600   for 4 years is $120.
   "   "   "   "   425.25 for 6 months is $17.01.
   "   "   "   "   375   for 4 months is $7.50.
   "   "   "   "   25   for 1 year is $2.
   "   "   "   "   75.50 for 10 years is $30.20.
   "   "   "   "   100   for 1 year is $3.
   "   "   "   "   200   for 6 months is $3.
   "   "   "   "   50   for 2 years is $3.

Lesson 285.

Find the time in which the interest on : (471)

$ 200	will amount to		$ 30,	at	6%.
275.50	"	"	"	38.57, at	6%.
475	"	"	"	99.75, at	7%.
500	"	"	"	82.50, at	$4\frac{1}{2}$%.
60	"	"	"	40,	at	8%.
100	"	"	"	22,	at	6%.
50	"	"	"	40,	at	8%.
1000	"	"	"	975,	at $7\frac{1}{2}$%.
850	"	"	"	136,	at	6%.
700	"	"	"	70,	at	5%.

Lesson 286.

Find the principal that will produce : (472)

$ 24	interest in 3	years, at	4%.
45	"	" $2\frac{1}{2}$	"	"	6%.
17.50	"	" $\frac{1}{2}$	"	"	7%.
84	"	" $2\frac{1}{3}$	"	"	6%.
128	"	" 4	"	"	8%.
31.50	"	" 9	months, at 6%.
22.50	"	" 3	years, at $7\frac{1}{2}$%.
35	"	" $1\frac{1}{4}$	"	"	8%.
75	"	" 2	"	"	5%.
231	"	" 7	"	"	4%.

Lesson 287.

Find the principal that will amount to :   (474)

$ 868 in 4 years, at 6%.

1083 in 3 years 6 months, at 4%.

555 in 5 years 4 months, at 9%.

795 in 9 months, at 8%.

918 in 2 months, at 12%.

404 in 3 months, at 4%.

598 in 8 months, at 6%.

4000 in 12 years 6 months, at 8%.

2000 in 16 years 8 months, at 6%.

Lesson 288.

Supply numbers in these examples, and then perform the examples :

1. I bought three articles of furniture this morning. I paid   for the chair,   for the table, and   for the bookcase. What did I pay altogether?

2. In a common year there are   days, and in a leap year there are   days. How many days in a common year and a leap year together?

3. We are in school   hours in the morning. If the recess takes   minutes, singing   minutes, and recitation   minutes, how many minutes do we have for study?

4. I shall be   years old July 3, 18 . Mary will be   years old Dec. 1, 18 . What is the difference in our ages ?

5. June has   days. July has   days. August has   days. How many days have the three months together ?

6. In a mile there are   rods. How many rods in   miles ?

7. If a dozen bananas cost   , how much will   dozen cost ?

8. In a score of years there are   years. How old is a man who is   score years old ?

9. How many square inches in a square that is   inches on a side ? How many square inches in a square that is   inches more on a side ? How many square inches in both squares ?

10. How many feet in length is a pole that is   inches long ?

11. The boys' ball-ground is   yards away from our door. How many rods away is it ?

12. I bought   ounces of gum arabic. What part of a pound did I buy ?

13. I stayed in Boston   hours. What part of a day was I there ?

14. A keg held   quarts. How many gallons did it hold?

15. A bin held   bushels. How many pecks did it hold?

16. I bought a bag of oats containing   quarts. How many pecks did the bag contain?

17. A package of paper contained   quires. How many sheets of paper were in the package? If I paid   for the package, what was that a quire? For what must I sell the paper per quire to gain   on the whole package?

18. If the summer vacation is   weeks, and the number of holidays through the year is   , how many weeks is the school year?

19. If the number   be subtracted from the number   , what will remain?

20. What number is   more than   ?

21. If a bicycle goes   miles in a day, and a horse goes   miles in a day, how many more miles does one go than the other?

22. The number   can be represented by four Roman numerals,   .

23. The numbers   can be represented by two letters. The numbers   can be represented

by one letter. The numbers   can be represented
by three letters. The numbers   can be repre-
sented by four letters.

24. If a pole is   feet in the mud,   inches
in the water, and   feet out of the water, how
long is the pole ?

25. A house is three stories high. The first
story is   feet in height, the second story is
feet in height, the third story is   feet in height.
How high is the house ?

26. An oblong is   inches wide, and twice
as long as wide ; how many inches round the
outside ?

27. There are   pegs on a hat-rack. If
pegs are covered with hats, how many pegs can
be seen ?

28. If there are   blinds on a house, and
slats in each blind, how many slats were
required for all the blinds ?

29. I bought   dozen peaches at   a dozen.
What did I pay for all ?

30. If I have   marbles, and you have
marbles, how many must you give me that we
may have each as many as the other ?

31. The pickets in a fence are   inches wide, and are placed   inches apart. How many pickets in   feet of the fence?

32. What will be the diameter of the largest circle that can be enclosed within a square   feet on a side? If the circle is three times as far round as across, how far is it round the circle? How much farther round the square than round the circle?

33. If a man is paid $ a cord for sawing the sticks into three pieces, what ought he to receive a cord for sawing the sticks into two pieces?

34. If you make a book by folding a large sheet of paper   times, how many pages will your book contain?

35. How long a time is it from   o'clock in the evening to   o'clock in the morning?

36. A clock and a lamp together cost   . If the lamp cost   , what did the clock cost?

37. A boy had   cents. If he spent $\frac{1}{4}$ of his money for car fare, $\frac{1}{6}$ for a lunch, $\frac{1}{9}$ for postage stamps, $\frac{1}{3}$ for a ball, and $\frac{1}{12}$ for peanuts, how many cents had he left?

38. I earn $ a week. If I spend $\frac{1}{4}$ of

what I earn for board, and ½ for books and clothing, how many dollars have I left?

39. In a piece of cloth there were   yards. If ⅓ of the piece was sold for a dress, ⅙ for a skirt, and ⅕ for a jacket, how many yards remained?

40. A little girl had   cents. She spent ⅓ of her money for a doll, and ⅕ of it for a toy watch. What did she have left?

41. A market-man had   pounds of meat. He sold ¼ of it to one person, ½ of it to another, and ⅕ of it to another · how many pounds did he have left?

42. I am   years old. My brother is ¼ of my age, and my sister ⅐ of my age. How old is each of us?

43. What is the least common multiple of   , of   , and of   ?

44. What is the least common multiple of   , of   , and of   ?

45. A man bought   sheep and   pigs. He paid   for each sheep, and   for each pig. What did he pay for all?

46. If you buy   yards of gingham at   a yard, and   yards of cotton cloth at   a yard,

what change ought you to receive out of a ten-dollar bill ?

47. Find the least common denominator of   .

48. Add the fractions   .

49. Find the difference between the fractions   .

50. Multiply the fraction   by the fraction   .

51. Divide the fraction   by the fraction   .

52. Add the mixed numbers   .

53. Find the difference between the mixed numbers   .

54. Name the prime factors of   .

55. Add the decimal fractions   .

56. Subtract the decimal fraction   from the fraction   .

57. Multiply the decimal fraction   by   .

58. Divide the decimal fraction   by   .

59. Find   per cent of   .

60. Find   per cent of   .

61. Find   per cent of   .

62. Express the fractions   as per cents.

63. Express these per cents   as fractions, and reduce to lowest terms.

64. If a man earns $ a month, and spends   % of what he earns, what amount does he spend ?

65. A quantity of sugar which weighed pounds decreased   % in drying. How much did it then weigh ?

66. If you lend a man $, and he pays you   % for the use of it, what does he pay you for the use of the money ?

67. If I use   sheets of a quire of paper, what per cent the whole quire do I use ?

68. If you buy a knife for   , and sell it for   , what per cent of the cost do you gain ?

69. If a man buys shoes at $ a pair, for what must he sell them to gain   % ?

70. If a man pays $ a month for milk, and this is   % of the table expenses for a month, what are the table expenses for a month ?

71. If you sell   baskets of peaches at   a basket, at a commission of   %, what will you receive for selling ?

72. If you sell   dozen oranges at   a dozen, at a commission of   %, what will you receive ?

73. At   %, what is the interest on $
for   years ?

74. At   %, what is the interest on $
for   years   months ?

75. At   %, what is the interest on $
for   years   months ?

76. What will $ amount to in   years at   % ?

77. What will $ amount to in   years months, at   % ?

78. What will $ amount to in   years months, at   % ?

79. If I pay $ for the use of $ for
years, what rate of interest do I pay ?

80. If I pay $ for the use of $ for
years, what rate of interest do I pay ?

81. If I pay $ for the use of $ for
years   months, what is the rate of interest ?

82. I kept a sum of money   years, and paid
$ interest at   %. What was the sum ?

Lesson 289.

1. There were 322 apples on a tree; 198 were gathered, and 87 were blown off by the wind. How many apples remained on the tree?

2. How many minutes are there in ⅓ of a day? How many recitations, each 30 minutes long, can be given in this time?

3. What is the total cost of a sleigh at $125, a horse at $225, and a harness at $75?

4. Find the value of 2 dozen knives and forks at $9.75 a dozen, a dozen teaspoons at $15, and a half dozen soup-spoons at $1.75 apiece.

5. I bought flour for $575, meal for $225, oats for $315. I sold the flour at a profit of $50, the meal at a profit of $18, and the oats at a profit of $35. What did I receive for the whole?

6. What number may be added to 9 that the right-hand figure in the sum shall be 7? 9? 5? 8? 6? 4?

7. A man bought 785 head of cattle and sold 699; he then bought 438 head of cattle and sold 524. How many had he left?

8. If a number is a multiple of 2, with what digits may the number end?

9. If a number is a multiple of 5, with what digits may the number end?

10. If a number is a multiple of 10, with what digits must the number end?

11. If a number is a multiple of 9, find what is true of the sum of the digits.

12. Find what is true of the sum of the digits when a number is a multiple of 3.

13. The sum of two numbers is 2896, and one of the numbers is 989. What is the other number?

14. A merchant living 15 miles out of Boston goes to his business and returns every day. How many miles does he travel in a week?

15. If a farmer plants 2 fields with corn, each field containing 525 hills of corn, and drops 6 kernels of grain into each hill, how many kernels of corn does he plant?

16. If an ear of corn has 12 rows, and 25 kernels in each row, how many such ears of corn would be required to plant the two fields of corn spoken of in the last example?

17. How many potatoes can be dug from a field containing 425 hills of potatoes, if on an average 12 potatoes are dug from each hill?

18. A barrel of flour weighs 196 pounds; a barrel of pork weighs 200 pounds. How many barrels of pork will weigh as much as 100 barrels of flour?

19. In a large school there were 96 children in one division. If 2 sat at a desk, how many desks were required? If in going to recitation they filed by threes, how many lines of 3 each were there? If in passing from the room they filed by fours, how many lines of 4 each were there? If they sat in ranges of 6 each, how many ranges were there?

20. If flour is worth $7 a barrel, how many barrels can be bought for $126? How many barrels of apples at $3 a barrel will it take to pay for the flour?

21. How many cords of wood at $9 a cord will it take to pay for $117 worth of sugar?

22. A man received $225 for tea-sets at $15 a set. How many sets did he sell?

23. If 18 eggs can be bought for 54 cents, what is that a dozen?

24. If 24 bananas can be bought for $1.20, what is that a dozen?

25. If two dozen pairs of gloves which cost $38 were sold for $54, what was the gain per pair?

26. How much cloth at 25 cents a yard is worth a barrel of sugar containing 195 pounds at 10 cents a pound?

27. How many times will the large wheel of a bicycle which is 14 feet in circumference turn around, to go over as much ground as the small wheel in going round 36 times, if the small wheel is 27 inches in circumference?

28. John spent $\frac{4}{5}$ of a dollar for a book, $\frac{7}{10}$ of a dollar for some paper, and had $\frac{1}{2}$ of a dollar left. How much money had he at first?

29. A grocer sold $\frac{1}{2}$ of a dozen oranges to one man, $\frac{1}{3}$ of a dozen to another, $\frac{5}{6}$ of a dozen to another, and had 2 dozen oranges left; how many oranges had he at first?

30. I ordered a pound of cheese, but the grocer cut off $\frac{5}{6}$ of a pound. How much less than a pound did I get?

31. If a milliner uses $\frac{3}{4}$ of a yard of one kind of velvet, and $\frac{2}{3}$ of a yard of another kind, how much does she use altogether?

32. I had $\frac{3}{4}$ of a yard of smilax, but $\frac{1}{10}$ of a yard got broken off. How much had I then?

33. If I buy $\frac{1}{2}$ of a bushel of one kind of apples, $\frac{1}{4}$ of another kind, and $\frac{1}{8}$ of another kind, what part of a bushel do I buy altogether?

34. What is the sum of $\frac{2}{3}$, $\frac{3}{4}$, $\frac{5}{6}$, $\frac{8}{9}$, $\frac{11}{12}$?

35. What is the sum of $\frac{1}{2}$, $\frac{3}{4}$, $\frac{6}{7}$, $\frac{13}{14}$?

36. If my bottle of ink is half full, and I use $\frac{2}{5}$ of a bottle, what part of a full bottle will remain?

37. There were $2\frac{1}{4}$ yards cut from a pole which was a rod in length. How long was the pole then?

38. If a room is $10\frac{5}{8}$ feet high, and the bordering and dado take up $4\frac{1}{2}$ feet, what is the distance between the bordering and the dado?

39. Find the difference between $8\frac{2}{3}$ and $3\frac{1}{5}$; $72\frac{3}{4}$ and $19\frac{1}{5}$; $63\frac{3}{8}$ and $29\frac{1}{6}$.

40. If I have $\frac{16}{17}$ of a yard of lace, and I use $\frac{1}{4}$ of the lace, what part of a yard do I use?

41. A grocer has $\frac{9}{10}$ of a barrel of sugar, and sells $\frac{1}{3}$ of it, what part of a barrel does he sell?

42. $\frac{1}{5}$ of $\frac{15}{16} = ?$ $\frac{1}{7}$ of $\frac{21}{25} = ?$ $\frac{1}{6}$ of $\frac{24}{25} = ?$

43. When apples are $\frac{2}{5}$ of a dollar a peck, how many pecks can I buy for $\frac{4}{5}$ of a dollar?

44. If we use $\frac{3}{10}$ of a pound of coffee in a day, in how many days will we use $\frac{9}{10}$ of a pound?

45. If a boy earns $\frac{2}{5}$ of a dollar a day, in what time will he earn $\frac{4}{5}$ of a dollar?

46. If a pound of coffee costs $\frac{6}{15}$ of a dollar, what amount of coffee can I buy for a dollar?

47. If crackers are $\frac{7}{20}$ of a dollar a pound, what amount of crackers can be bought for a dollar?

48. Divide $\frac{7}{9}$ by $\frac{2}{9}$; $\frac{8}{11}$ by $\frac{3}{11}$; $\frac{15}{19}$ by $\frac{7}{19}$.